Nevada 2020-2022
Water Quality Integrated Report

Assessment Period - October 1, 2013 through September 30, 2020

Prepared in accordance with the requirements of
Sections 303(d)/305(b)/314 of the Clean Water Act

February 2022 – Final

Upper Dixie Creek, Humboldt River Region

Nevada Division of Environmental Protection
Bureau of Water Quality Planning

This page intentionally blank

Nevada 2020-2022 Water Quality Integrated Report

Contents

Executive Summary ES-1

Section 1.0 - Introduction 1

Section 2.0 - Background 3

2.1 Topography and Hydrogeography 3

2.2 Climate and Precipitation 3

2.2.1 Global Warming and Climate Change 5

2.3 Surface Water 7

Section 3.0 – Water Quality Control Programs 9

3.1 Water Quality Standards 9

3.1.1 Human Health Criteria in Title 40 of the Code of Federal Regulations 10

3.2 Nevada's Water Pollution Control Program for Point-Source Discharges 10

3.3 Management Program for Nonpoint Source Pollution 11

3.4 Water Pollution Control Revolving Fund 12

3.5 Plans for Improving Water Quality: TMDLs and Watershed Management 12

3.5.1 TMDL Vision Plans for Restoration 14

3.6 Other Options: Use Attainability Analysis 15

3.7 Contributions from Natural Background 16

Section 4.0 - Monitoring and Assessment of Surface-Water Quality 17

4.1 Introduction 17

4.2 Data Sources 17

4.3 NDEP Monitoring Data 18

4.3.1 Ambient Water Quality Data 18

4.3.2 Bioassessment Monitoring 20

4.4 Other Sources of Monitoring Data 21

4.5 Assessment Categories 21

4.5.1 Beneficial Use Attainment 21

4.5.2 Waterbody Attainment 22

4.6 A Special Note About Fish Tissue – Mercury 23

Section 5.0 Assessment Results 25

5.1 Streams 25

5.2 Lakes and Reservoirs 27

5.3 Wetlands 28
5.4 Beneficial-Use Summary: Uses Not Supported (by Waterbody Type) 29
5.4.1 Streams 29
5.6.2 Lakes and Reservoirs 31
5.6.3 Wetlands 32
5.7 Category 5 Waters - 303(d) List 32
5.8 Delisted Parameter/Beneficial-Use Pairings and Delisted Waterbodies 34
5.9 Total Maximum Daily Loads (TMDLs) 36
6.0 Natural Background Conditions 39
6.1 Censoring Levels and Natural Background 39
6.1.1 Trace Metals and Hardness 40
6.1.2 Censoring Analytical Data: MDLs and PQLs 40
6.1.3 Censoring Level Affects Assessment Outcome 42
6.2 Demonstration Evaluation for Natural Background 43
6.3 Sharing Data and Assessment Results with EPA 45
Section 7.0 - Public Participation 47
Section 8.0 – References 49

Executive Summary Tables

Table ES-1. Parameters Causing Impairments and as a Percentage of Total Impairments ES-5
Table ES-2. Percentage of Impairments by Beneficial Use, along with Number of Waterbodies Impaired for Each Beneficial Use ES-6
Table ES-3. Examples of Nevada's EPA-approved TMDLs ES-11

Executive Summary Figures

Figure ES-1. Parameters Causing Impairments Overall and as a Percentage of Total Impairments ES-2
Figure ES-2. Percentage of Category 5 (Impaired) Waterbodies or Waterbody Segments (Assessment Units) by Region. ES-4
Figure ES-3. Number of TMDLs for Various Beneficial Uses ES-10

Tables

Table 1. Summary of Total Length or Area of Waterbodies in Nevada 7

Table 2. Percent Waterbodies Assessed in Nevada 2020-2022 Water Quality Integrated Report 8

Table 3. Sources of Data Used for the Nevada 2020-2022 Water Quality Integrated Report .. 21

Table 4. Waters Overlisted by EPA for Mercury in Fish Tissue, Beneficial Use - Fish Consumption 23

Table 5. Waterbodies Evaluated in the Nevada 2020-2022 Water Quality Integrated Report . 25

Table 6. Summary of Assessment Results – Streams 27

Table 7. Summary of Assessment Results – Lakes and Reservoirs 28

Table 8. Summary of Assessment Results – Wetlands 28

Table 9. Summary of Beneficial Use Status for Streams 30

Table 10. Summary of Beneficial Use Status for Lakes and Reservoirs 31

Table 11. Summary of Beneficial Use Status for Wetlands. 32

Table 12. Summary of Category 5 Waters 32

Table 13. Causes of Impairment (Category 5 - 303(d) List) 33

Table 14. Waterbodies Removed from the 303(d) List in the 2020-2022 Assessment Cycle 35

Table 15. Detections for Beryllium and Seven Trace Metals: Example of the Effect of Censoring Level on Data used in the 2020-2022 Assessment Cycle 42

Table 16. Comparison of Assessment Results for Selected Trace Metals with and without an Evaluation of Natural Background Conditions 44

Figures

Figure 1. Hydrographic Regions in Nevada 4

Figure 2 Drought intensity in Nevada, 2000 to 2021 6

Figure 3. June 24, 2021 Drought Map for the Western U.S. 6

Figure 4. Sampling Sites for Water Quality Data Assessed in the Nevada 2020-2022 Water Quality Integrated Report 19

Figure 5. Waters Assessed for the Nevada 2020-2022 Water Quality Integrated Report 26

Figures 6a-6f. Breakdown of TMDLs by Beneficial Use Protected. 37

Figure 7. General Relationship between Detection Limits and Quantitation Limits 41

Appendices

Appendix A – Assessment Methodology (with Attachments A1 and A2)

Appendix B – Responses to Comments on *Draft Nevada 2020-2022 Water Quality Integrated Report*

Attachments

Attachment 1 – List of Waterbodies Included in the 2020-2022 Assessment Cycle

Attachment 2 –Waterbody Assessment Results, Ordered by Assessment Unit

Attachment 3A – Category 5 Waters, 303(d) List of Impaired Waters, Sorted by Assessment Unit

Attachment 3B – Category 5 Waters, 303(d) List of Impaired Waters, Sorted by Region, Alphabetically

Attachment 4 – Delisted Impairments, Sorted by Assessment Unit (Waterbody ID)

Attachment 5 – List of EPA-Approved TMDLs

Abbreviations and Acronyms

amsl	Above mean sea level
ATTAINS	Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System
BWPC	Bureau of Water Pollution Control
BWQP	Bureau of Water Quality Planning
CFR	Code of Federal Regulations
CO_2	Carbon dioxide
CWA	Clean Water Act
DO	Dissolved oxygen
EPA	U.S. Environmental Protection Agency
°F	Degrees Fahrenheit
FDA	U.S. Food and Drug Administration
µg/L	Micrograms per liter
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
ML	Minimum level (of quantitation)
MMI	Multi-metric index
MS4	Municipal separate storm-sewer system
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NDPBH	Nevada Division of Public and Behavioral Health
NDOT	Nevada Department of Transportation
NDOW	Nevada Department of Wildlife
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NPS	Non-point source
NRS	Nevada Revised Statutes
ppm	Parts per million
PQL	Practical quantitation limit
QL	Quantitation limit
SAR	Sodium adsorption ratio
SEC	State Environmental Commission
SRF	State Revolving Loan Fund

SDWA	Safe Drinking Water Act
SNWA	Southern Nevada Water Authority
TDS	Total dissolved solids
TMDL	Total maximum daily load
TSS	Total suspended solids
UAA	Use attainability analysis
USGS	U.S. Geological Survey
WART	Water-quality assessment and reporting tool
WQX	Water Quality Exchange

Beneficial Uses and Abbreviations

Beneficial Uses (NAC 445A.122)	BU Abbreviation
Watering of Livestock	**WLS**
Aquatic Life	**AQL**
Irrigation	**IRR**
Recreation Involving Contact with Water	**RWC**
Recreation Not Involving Contact with Water	**RNC**
Municipal or Domestic Supply	**MDS**
Industrial Supply	**IND**
Propagation of Wildlife	**PWL**
Waters of Extraordinary Ecological or Aesthetic Value	**EEAV**
Enhancement of Water Quality	**EWQ**
Uses Promulgated by U.S. Environmental Protection Agency	
Fish Consumption (typically for mercury, Hg)	**FC**
Human Health – Consumption of Water & Organism	**W&O**
Human Health – Consumption of Organism Only	**OO**

Executive Summary

Regulatory Requirements

In 1972, Congress passed amendments to the Federal Water Pollution Control Act of 1948. The amended act is commonly known as the Clean Water Act. The goal of this act is to restore and maintain the chemical, physical and biological integrity of the Nation's surface waters. The 2022 assessment cycle marks the 50th anniversary of the Clean Water Act. The Nevada Division of Environmental Protection (NDEP) implements the Clean Water Act in Nevada, with oversight from the U.S. Environmental Protection Agency (EPA).

The implementing regulations of the Clean Water Act are found in Title 40 of the Code of Federal Regulations (40 CFR). Section 305(b) of 40 CFR Part 130 requires states to report on the overall condition of aquatic resources. Section 303(d) requires states to develop lists of all impaired waterbodies and create a priority listing of waterbodies for which plans are needed to restore water quality. Combining requirements of these two sections produces the integrated report, which provides an overall assessment of the quality of surface-water resources within the state. This report, required biennially by EPA, also describes the extent to which current conditions are protecting the beneficial uses of Nevada's surface waters.

Waterbody Assessment

EPA requires that the quality of surface waters in each state be assessed every two years. However, the previous assessment (*Nevada 2016-2018 Water Quality Integrated Report*) was delayed as new databases and assessment tools were developed, and use of the water quality assessment and reporting tool (WART) was refined. The *Nevada 2016-2018 Water Quality Integrated Report* (NDEP 2020a) was submitted to EPA on April 17, 2020 and approved by EPA November 25, 2020. For the current assessment described herein, EPA recommended combining 2020 and 2022 cycles to get back on schedule. This *Nevada 2020-2022 Water Quality Integrated Report* covers a duration of seven water years[1] (October 1, 2013 through September 30, 2020), provided herein as one report.

The objective of this assessment is to determine which waterbodies are meeting water quality standards to support beneficial uses. The results of the assessment also identify impaired waterbodies (i.e., those waterbodies not supporting their beneficial uses), so water quality can be improved by regulating discharges from point sources and by implementing watershed management plans to limit inputs from nonpoint sources. Identifying the types of impairments is also useful for planning purposes when selecting parameters for study and revision of water quality standards, or for development of antidegradation provisions for a waterbody. The methodology used to evaluate the seven years of water quality data is described in detail in Appendix A to this *Nevada 2020-2022 Water Quality Integrated Report.*

[1] A water year runs from October 1 to September 30.

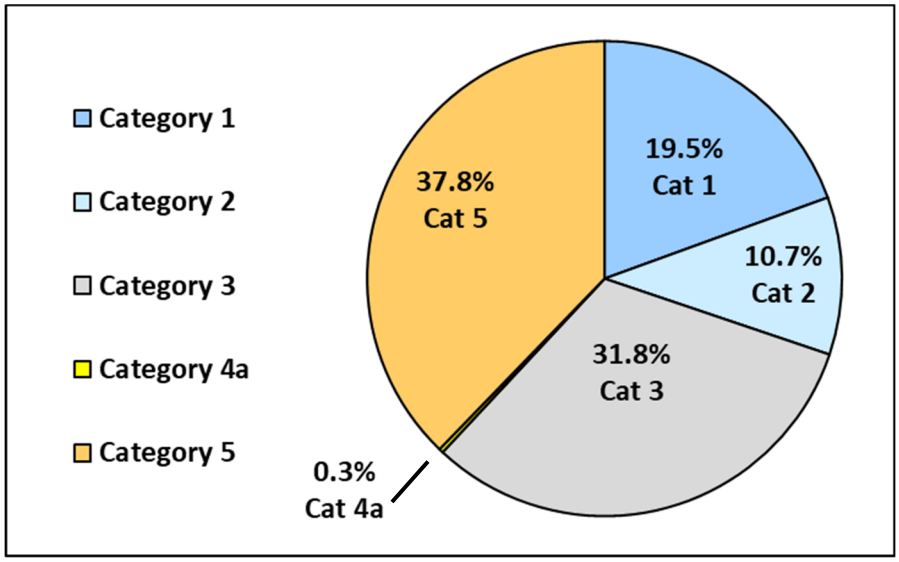
The assessment described in the *Nevada 2020-2022 Water Quality Integrated Report* classifies waterbodies or waterbody segments (also referred to as "assessment units") into five general categories:

1. Category 1 – Attaining all designated uses
2. Category 2 – Attaining some designated uses, and insufficient or no data information to determine if remaining uses are attained
3. Category 3 – Insufficient or no data and information to determine if any use is attained
4. Category 4- Impaired or threatened for one or more uses but not needing a TMDL[2] because
    a) TMDL has been completed
    b) Expected to meet standards
    c) Not impaired by a pollutant
5. Category 5 – Impaired or threatened by pollutant(s) for one or more designated uses and requiring a TMDL. These are the waters on the 303(d) list.

Summary of Assessment Results

Out of the nearly 700 waterbodies assessed for the *Nevada 2020-2022 Water Quality Integrated port*, just over 30% are meeting standards for all or some beneficial uses (Categories 1 and 2). Data are insufficient to assess any beneficial use for about 32% of the waterbodies (i.e., waterbody is designated as a Category 3), and about 38% of waterbodies are not meeting water quality standards for at least one parameter supporting a beneficial use; the latter are known as Category 5 (impaired) waters. In addition, some waters have a TMDL (essentially a plan to restore water quality) in place and may reside in Category 4a or 5 (5, if impaired for a parameter that does not have an approved TMDL). **Figure ES-1** summarizes these assessment categories.

Figure ES-1. Percentage of Waterbodies in Each Assessment Category



[2] A total maximum daily load (TMDL) is a plan that regulates pollutant loads into an impaired water.

NDEP has also created a web map application (available at https://webgis.ndep.nv.gov/) to display the water quality monitoring locations and assessment results documented in this *Nevada 2020-2022 Water Quality Integrated Report.*

Breaking the assessment results down by region shows the number of waterbodies that are not meeting water quality standards in each area (**Figure ES-2**). When the number of impaired waters (Category 5) in each region are compared, the Humboldt River Region (NV04) has the greatest number of impaired waterbodies; however, the Humboldt also has the greatest number of assessed waterbodies. When represented as a percentage of total waterbodies assessed within the region, several other regions have a greater percentage of impaired waters than the Humboldt Region.

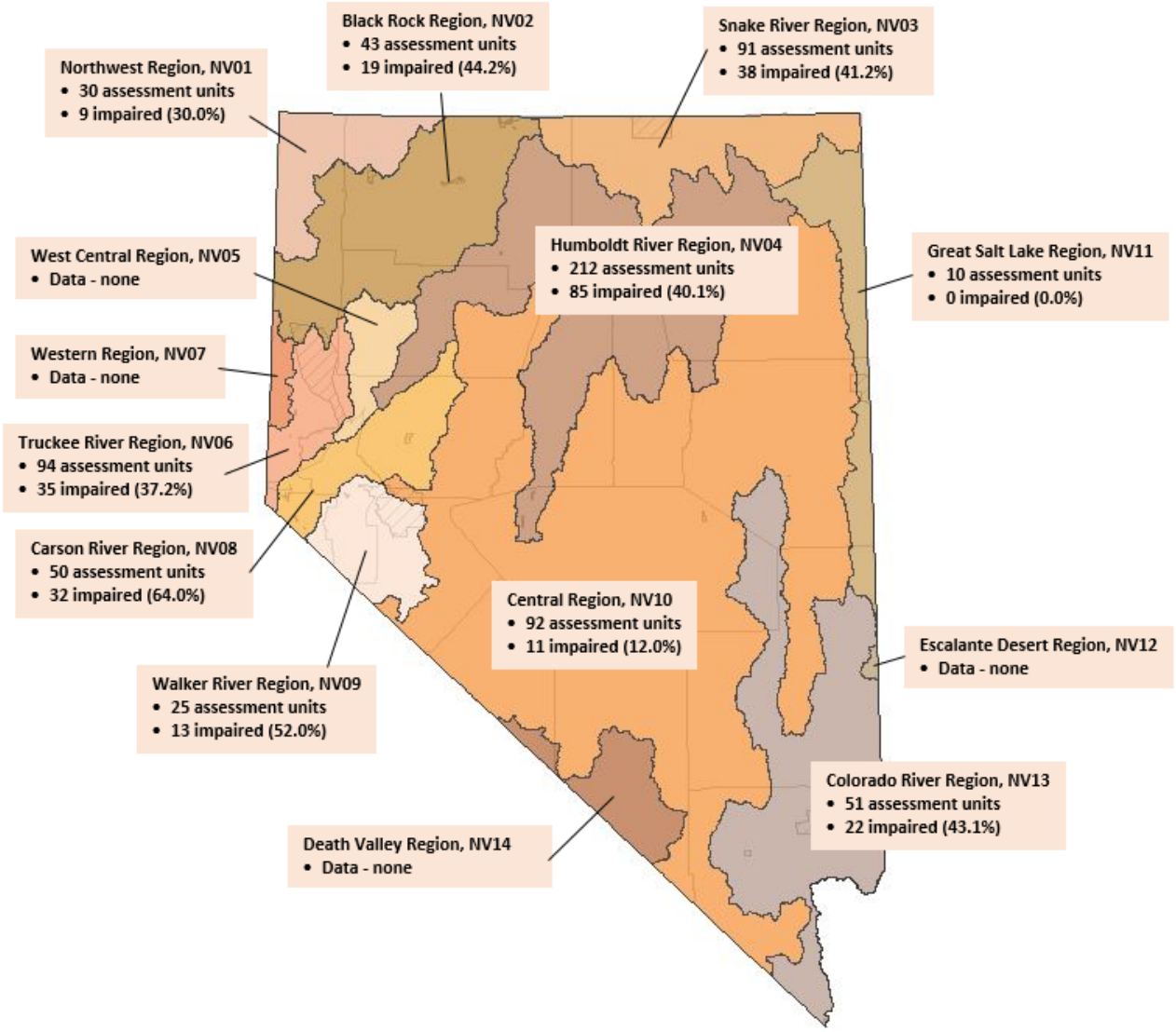
The caveat to the results presented in Figure ES-2 is that not every waterbody in Nevada is routinely sampled. Some waters do not flow during periods of drought, or late in the season (i.e., long after snowmelt has peaked). The time period evaluated for this report — seven years from October 1, 2013 through September 30, 2020 — contained periods of extreme drought that limited the number of waterbodies that could be sampled during some of the assessment period. Other waters are so remote that access is limited during part or much of the year, or may not be feasible except via alternative transportation. Additional resources (funding and staffing) would be needed to monitor more of Nevada's waters on a regular basis.

Impairments by Parameter

The waters of greatest concern are the Category 5 waters, which are impaired for one or more parameters. A closer look is warranted for these waterbodies to understand the number and types of impairments. To provide a better understanding of which parameters cause impairments to beneficial uses, **Table ES-1** summarizes the number of impairments by parameter rather than the number of impaired waterbodies. Each waterbody may have multiple impairments; that is, the waterbody does not meet more than one water quality standard for a given parameter, or the waterbody may be impaired for multiple parameters or multiple beneficial uses.

Category 4a waters already have TMDLs established, so a plan is already in place to restore water quality. Once a TMDL is developed, a water body is no longer on the 303(d) list, but it is still tracked until the water is fully restored. In contrast, Category 5 waters are not meeting water quality standards, so a plan (e.g., a TMDL) is needed to restore water quality. This is the reason that the focus of the report is on Category 5 waters as impaired waters. Waters that have TMDLs in place are not placed in Category 5, unless the water quality is not meeting standards for a different parameter that lacks a TMDL.

Figure ES-2. Percentage of Category 5 (Impaired) Waterbodies or Waterbody Segments by Region.



Total phosphorus causes the greatest number of impairments in Nevada (153 = 19.2% of all impairments), followed by temperature (81 = 10.2% of all impairments). *Escherichia (E.) coli*, mercury in fish tissue, iron, and beryllium each contribute more than 5 percent of the total impairments (**Table ES-1**). Total phosphorus and temperature are generally the most common impairments, even when the data are broken down by region; however, total dissolved solids (TDS) is a common impairment in the Colorado and Humboldt River Regions.

Table ES-1. Parameters Causing Impairments Overall and as a Percentage of Total Impairments

Parameter	Impairments by Parameter	% of Total Impairments	No. Impairments by Beneficial Use								
			AQL	FC	IRR	MDS	OO	RNC	RWC	WLS	W&O
Phosphorus, Total	153	19.2%	81						72		
Temperature	81	10.2%	81								
Beryllium	73	9.1%				73					
Iron	65	8.1%	62		3						
E. coli	40	5.0%						1	39		
Hg in fish	40	5.0%		40							
TDS	35	4.4%				32				3	
Cadmium, dissolved	33	4.1%	33								
Turbidity	31	3.9%	31								
Selenium, total	23	2.9%	20		3						
TSS	22	2.8%	22								
pH	19	2.4%	19								
DO	17	2.1%	17								
Silver, dissolved	17	2.1%	17								
Boron	16	2.0%			15					1	
Fluoride	15	1.9%			13					2	
Sulfate	15	1.9%				15					
Zinc, dissolved	15	1.9%	15								
Manganese	14	1.8%			14						
Arsenic, total	13	1.6%			4	5				4	
Mercury in sediment	12	1.6%	12								
Arsenic, dissolved	11	1.4%	11								
Copper, dissolved	7	0.9%	7								
Nickel, total	5	0.6%				5					
Nitrogen, total	4	0.5%	2						2		
Alkalinity	3	0.4%	3								
Chloride	3	0.4%	2			1					
Fecal coliform	2	0.3%			2						
Lead, dissolved	2	0.3%	2								
Nitrate	2	0.3%	2								
Ammonia, unionized as N	2	0.3%	2								
Orthophosphorus	2	0.3%	1						1		
Mercury	1	0.1%					1				
Barium	1	0.1%				1					
Cadmium, total	1	0.1%				1					
Nickel, dissolved	1	0.1%	1								
SAR	1	0.1%			1						
Total no. impairments =	797	100.0%	443	40	55	133	1	1	114	10	0

Notes: The total number of impairments (not including parameters with TMDLs that do not meet) = 797
The total number of impairments (n = 797) is the count of all impairments found in all 699 waterbodies assessed for the *2020-2022 Water Quality Integrated Report.* This does **not** mean that 797 waterbodies were impaired, because a single waterbody (assessment unit) may have multiple impairments for a use, or multiple uses may be impaired. The assessment found 264 waterbodies with impairments out of a total of the 699 waterbodies assessed. NAC 445A.122 includes the following beneficial uses: Aquatic life (AQL), irrigation (IRR), municipal or domestic supply (MDS), recreation involving contact with water (RWC), recreation not involving contact with water (RNC), watering of livestock (WLS), industrial supply (IND), propagation of wildlife (PWL), waters of extraordinary ecological or aesthetic value (EEAV), and enhancement of water quality (EWQ). EPA promulgated the following uses on Nevada: fish consumption (FC) and human health criteria (water & organisms, W&O, and organism only, OO).

Understanding which parameters are hindering beneficial uses, and ranking the impairments helps focus resources on better managing those parameters. As noted above, the water quality standards for phosphorus and temperature are some of the most frequently exceeded standards. Elevated water temperatures may be the result of destruction of riparian vegetation that shades the waterway, so a strategy—for example, a stream restoration plan—may be needed to address temperature for some waters. Some of the phosphorus comes from nonpoint sources. Working on voluntary strategies to reduce concentrations of total phosphorus derived from nonpoint sources would provide the greatest improvement in water quality across the state.

In the case of beryllium, all 73 of the "impairments" are the result of the current standard of 0 micrograms per liter (µg/L) for municipal or domestic supply (MDS) beneficial use, which comes from the "Gold Book" (EPA 1986). The current drinking water standard for beryllium is 4 µg/L. The standard of 0 µg/L means that any concentration detected above the method detection limit (but well below the drinking water standard), shows up as an impairment. Updating the existing standard from 0 to 4 µg/L will eliminate all 73 impairments noted in Table ES-1 for beryllium.

Impairments by Beneficial Use

Another way to view waterbody impairment is by evaluating which beneficial uses are most frequently impaired. As noted in the preceding section, waterbodies may be impaired for more than one beneficial use, so the "No. of Waterbodies Impaired for the Beneficial Use" cannot be added to determine the total number of impaired waters.

Table ES-2. Percentage of Impairments by Beneficial Use, along with Number of Waterbodies Impaired for Each Beneficial Use.

BU Code	Beneficial Use (BU)	% of Total Impairments		No. of Waterbodies Impaired for Each BU
AQL	Protection of Aquatic Life	55.6%	of all impairments	225
MDS	Municipal or Domestic Supply	16.7%	of all impairments	107
RWC	Recreation with Contact	14.3%	of all impairments	110
IRR	Irrigation	6.9%	of all impairments	42
FC	Fish Consumption (Hg)	5.0%	of all impairments	40
WLS	Watering of Livestock	1.3%	of all impairments	11
OO	Human Health - Org Only	0.1%	of all impairments	1
RNC	Recreation without Contact	0.1%	of all impairments	1
W&O	Human Health - Water&Org	0.0%	of all impairments	0
		100%	(798 impairments in 264 impaired waterbodies)	

Note: There were 264 impaired waterbodies/ waterbody segments out of the 699 waterbodies/waterbody segments assessed. There were 797 impairments within the 264 impaired waterbodies/waterbody segments.
OO = organism only, W&O = water and organism; both uses represent human health criteria that were promulgated onto Nevada by EPA in December, 1992: See 40 CFR, Subpart D, 131.36(11).

Aquatic Life (AQL)

The aquatic life beneficial use is defined in Nevada Administrative Code (NAC) 445A.122, "*The water must be suitable as a habitat for fish and other aquatic life existing in a body of water. This does not preclude the reestablishment of other fish or aquatic life.*" Protection of aquatic life continues to be the beneficial use that is impaired more than any other use (>55% of all impairments). This is not unexpected, because the aquatic life beneficial use typically has the most restrictive standards, due to the sensitivity of aquatic organisms to some parameters (e.g., trace metals) and conditions (e.g., turbidity).

The 443 impairments for aquatic life can be broken down further, with most of these impairments due to three parameters: total phosphorus, temperature, and iron (Table ES-1). About 10% of the impairments were due to trace metals (selenium, arsenic, zinc, cadmium, copper, nickel, lead) and another 20% of aquatic life impairments represents factors of turbidity, total suspended solids (TSS), pH, and dissolved oxygen (DO). These impairments do not necessarily mean that fish will die; rather, it means conditions are suboptimal for growth and reproduction. A total of 225 waterbodies were found to have impairments for aquatic life in the 2020-2022 assessment cycle, with some having more than one impairment for aquatic life.

Recreation Involving Contact with Water (RWC)

Recreation with contact describes activities such as swimming, where immersion is typical. About 14% (n = 114) of all impairments are for this beneficial use (see Tables ES-1 and ES-2), with phosphorus responsible for more than half of the impairments to contact recreation. Phosphorus itself is not harmful to human health, but it is a nutrient that can lead to excessive growth of algae, which is a deterrent to optimal enjoyment of the waterbody for contact recreation. *E. coli* is responsible for about one-third of all impairments to the beneficial use of contact recreation, such as swimming. Some waters had multiple impairments for RWC, so a total of 110 waterbodies or waterbody segments had impairments for contact recreation.

Recreation Not Involving Contact with Water (RNC)

This type of recreation does not involve immersion in the water, and is a less-restrictive beneficial use than RWC. However, a few waterbodies only have RNC, not RWC, as a beneficial use. In one case (0.1% of all impairments), that water was not meeting for RNC.

Irrigation (IRR) and Watering of Livestock (WLS)

Less than 10% of all impairments were for irrigation and watering of livestock, combined. Manganese, iron, arsenic, and selenium are the cause of about half of all impairments to the beneficial use of irrigation (Table ES-1). Boron and fluoride are responsible for slightly more than half of irrigation impairments. Such impairments can limit crop growth and productivity.

The main impairments to water quality for watering livestock include TDS, fluoride, boron, and arsenic. Waters with high concentrations of these constituents can be harmful to the growth and health of livestock. Fluoride, boron, and arsenic are naturally occurring in many desert soils; however, in some cases, irrigation of the soils has mobilized these constituents and produced irrigation return flows that contain elevated concentrations of these soluble constituents.
A total of 42 waterbodies were found to have impairments for irrigation and 11 waterbodies had impairments for watering of livestock.

Municipal or Domestic Supply (MDS)
A waterbody that meets standards for municipal or domestic supply does not mean the water is drinkable as is. Rather, meeting the water quality standards for the municipal or domestic supply use means that a water can be treated by conventional methods of water treatment to comply with Nevada's drinking water standards. About 17% of all impairments (Table ES-1) were found for the beneficial use of municipal or domestic supply, in a total of 107 waterbodies.

The number of impairments for this beneficial use is, however, misleading. Beryllium shows up as responsible for 73 of the 133 impairments for municipal or domestic supply use. This is because Nevada's current water quality standard for beryllium is 0 micrograms per liter (µg/L), based on EPA criteria from 1986 (see EPA's 1986 "Gold Book"). Revising the beryllium criterion from 0 µg/L to the current drinking water standard of 4 µg/L will resolve this issue; this revision is planned for the 2021-2022 petition cycle for changing water quality standards in Nevada's regulations. With an updated beryllium standard of 4 µg/L, only 60 impairments for the municipal or domestic supply beneficial use were found in 35 waterbodies. Also, with beryllium standard of 4 µg/L, only 8.9% of impairments would be for the municipal or domestic supply beneficial use.

Fish Consumption (FC)
Forty waterbodies (i.e., 5.7% of the 699 waterbodies assessed) have been identified as impaired for consumption of fish tissue due to mercury. Most of the waterbodies with mercury-impaired fish reflect legacy pollution from historical mining operations where mercury was used during processing of gold ore. Mercury is contained within sediments and bioaccumulates up the food chain. Mercury is also the basis for Nevada's only Superfund site, the Carson River Mercury Superfund site, a legacy of ore processing associated with the mines around Virginia City. Removing the mercury distributed throughout sediments in the Carson River system is a difficult challenge for remediation specialists.

Other mechanisms that contribute mercury to waterbodies include aerial deposition. The unique properties of mercury include a liquid state of the pure-phase metal under atmospheric conditions, a high vapor pressure, and transport in a gaseous state. Without proper mercury-emission controls in place, burning fossil fuels releases mercury to the atmosphere, as does roasting of ore for metals recovery. These factors contribute to a high level of anthropogenic redistribution of mercury across the earth's surface.

Water & Organism (W&O) and Organism Only (OO)
Nevada, along with more than a dozen other states, did not adopt certain human health criteria, so in December 1992, EPA promulgated these criteria onto Nevada and other states in 40 CFR Part 131.36 (d)(11).

The beneficial use of W&O applies to waterbodies that have MDS as a beneficial use. The beneficial use of OO applies only to those waterbodies **without** a beneficial use of MDS. The OO use is based on water chemistry, not tissue data, so differs from FC use.

Jarbidge River, Snake River Region

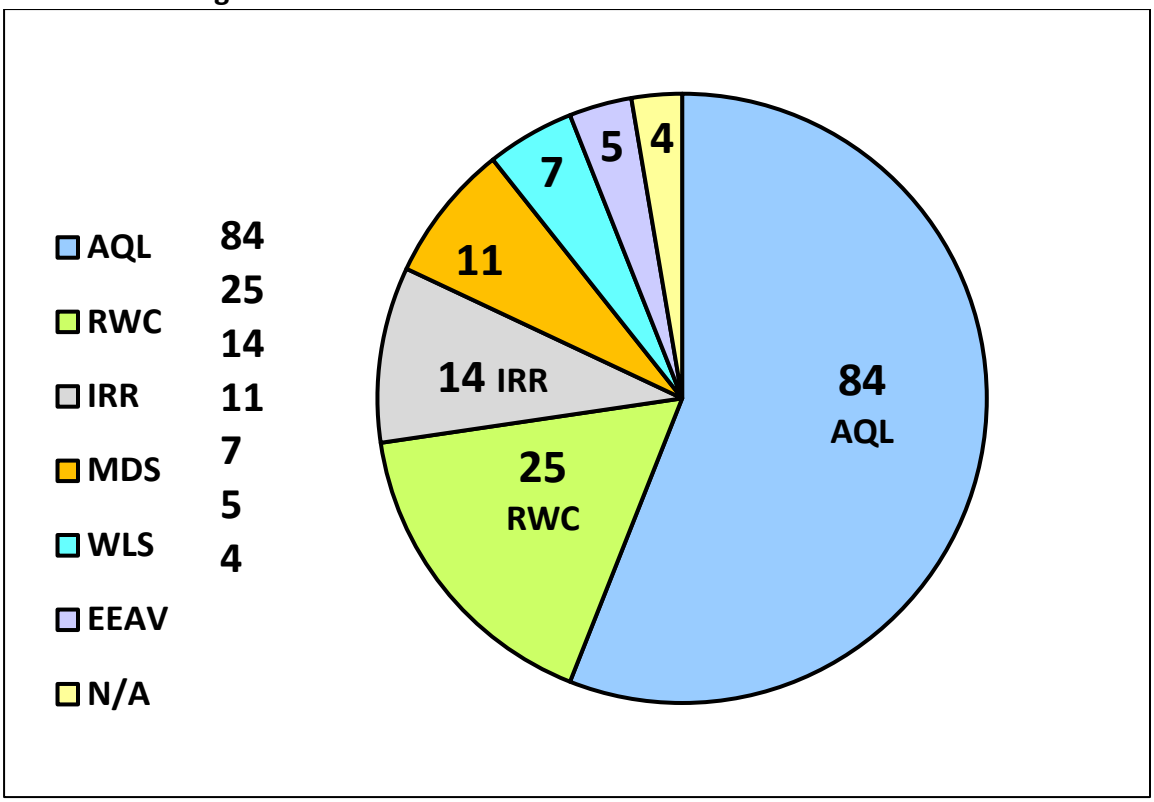
Improving Nevada's Impaired Waters: TMDLs and Watershed Management Plans

Results of the 2020-2022 water quality assessment provide some of the information required to prioritize waterbodies and parameters that require further investigation. These waterbodies may benefit from the development of TMDLs and watershed management plans or alternative approaches. Alternative approaches incorporate adaptive management strategies and are tailored to specific circumstances. Such approaches may be better suited to implement priority watershed or water actions that achieve the water quality goals of Nevada, including identifying and reducing nonpoint sources of pollution.

A TMDL is the allowable loading of a particular parameter from all pollutant sources (point source, nonpoint source, and natural background) established at a level necessary to comply with applicable water quality standards that protect the beneficial uses of Nevada's waterbodies. 40 CFR Part 130.7 requires states to set priorities for impaired waters and develop TMDLs for each prioritized waterbody segment and parameter combination that appears on the 303(d) list (i.e., Category 5 waters).

In Nevada, there are a number of EPA-approved TMDLs with unique identification numbers (TMDL_ID), although each TMDL may apply to multiple waterbodies or waterbody segments, and some waterbodies have multiple TMDLs. All TMDLs are provided in **Attachment 5** of this report. A total of 34 waterbodies are protected by TMDLs for one or more parameters and uses. **Figure ES-3** depicts the number of TMDLs established to help restore water quality for each beneficial use and **Table ES-3** provides several examples of EPA-approved TMDLs.

Figure ES-3. Number of TMDLs for Various Beneficial Uses



AQL = aquatic life, RWC = recreation involving contact with water, IRR = irrigation, MDS = municipal or domestic supply, WLS = watering of livestock, EEAV = exceptional ecological or aesthetic value, N/A = TMDLs established without water quality standards for that waterbody.

Table ES-3. Examples of Nevada's EPA-approved TMDLs (see Attachment 5 for all TMDLs).

Waterbody ID	NAC 445A.	Stream	Parameter	TMDL ID	Date of TMDL
NV03-OW-18_00	1354	EF Owyhee River – Wild Horse Reservoir to Mill Creek	Iron (total)	11674	2005
			Temperature	11681	
			Total Phosphorus	11809	
			Total Suspended Solids	11816	
			Turbidity	11817	
NV04-HR-02_00	1438	Humboldt River – Osino to Palisade	Total Suspended Solids	552	1993
			Total Phosphorus	11810	
NV06-TR-04_00	1688	Truckee River – East McCarran to Lockwood	Total Dissolved Solids	1227	1994
			Total Nitrogen	11797	
			Total Phosphorus	11798	
NV13-CL-09_00	2166	Virgin River – Mesquite to Lake Mead	Boron (total)	3951	2002

Notes: Nevada's waterbodies are identified by a waterbody identification number (Waterbody ID). Designated waters also have water quality standards provided in tables under NAC 445A.1252 through NAC 445A.2214. For efficiency, one TMDL may be applied across multiple waterbodies or waterbody segments.

Watershed Management Plans

Most impairments in Nevada's waters come from nonpoint sources of pollution. A watershed management plan seeks to manage pollution from nonpoint sources. Pollution from nonpoint sources, unlike pollution from industrial and sewage treatment plants, is derived from many diffuse sources. This type of water pollution is caused by rainfall or snowmelt moving over and through the ground. As the runoff traverses the landscape, it picks up and transports natural and human-made pollutants, and carries them into lakes, rivers, and wetlands.

The Nonpoint Source Program within the Bureau of Water Quality Planning has established effective long-term relationships with agencies, organizations, and the private sector. The following partners are working on implementing various plans for improving water quality in areas across the State:

- Carson Water Subconservancy District (CWSD) for implementation of the Carson River Adaptive Stewardship Plan.
- Douglas County, Washoe County and Nevada Department of Transportation for implementation of the Lake Tahoe TMDL.
- Southern Nevada Water Authority and Las Vegas Wash Coordination Committee for implementation of the Las Vegas Wash Comprehensive Adaptive Management Plan.
- One Truckee River, Cities of Reno, Sparks, Washoe County, and other stakeholders for the implementation of the One Truckee River Management Plan and the Source Water/Watershed Based Plan for the Truckee River.
- Virgin River Coalition for the implementation of the Virgin River Watershed Plan.

- Conservation Districts including Carson Valley, Dayton Valley, Smith Valley and Mason Valley for implementation of restoration and environmental education projects.
- Walker Basin Conservancy is teaming up with Nevada State Parks and NDEP to work on restoration and education projects, along with development of a Watershed Plan for the East Fork Walker River.

Other Options: Use Attainability Analysis

One option to address impairments that NDEP has not previously used is known as a "use attainability analysis" (UAA). A UAA is used to remove or revise an unattainable designated beneficial use (or subcategory of use) for a specific waterbody or waterbody segment (see 40 CFR 131.10(g)). A UAA can only be applied to designated beneficial uses that were not attained on or after November 28, 1975; uses attained on or after this date are "existing" beneficial uses, and cannot be removed by a UAA. Analyses performed as part of a UAA determine which specific uses or subcategories of designated beneficial uses are actually attainable.

Use of a UAA to revise a standard (such as an unattainable temperature standard on a river), merits consideration for some parameter-waterbody combinations. NDEP is currently developing a UAA to revise the subcategory of designated aquatic life use, from cold-water to warm-water fishery, for segments of the Carson River in the Carson Valley. The Carson River has limited upstream storage so the potential for controlling flow rates upstream of Lake Lahontan is limited; Lahontan Dam forms the only large reservoir (289,700 acre feet), which is >99% of storage on the entire Carson River (CWSD 2007). Warm water temperatures, and temperature impairments resulting from low flows in a stream system that has limited upstream storage, are only anticipated to increase as the region enters into extreme drought conditions exacerbated by climate change and a warming planet.

Ensuring that appropriate standards are in place, and that natural background concentrations of certain constituents are recognized as such, will help Nevada focus on impairments that can be addressed by developing TMDLs and watershed management plans to manage pollution from both point and nonpoint sources. However, it will take significant time and resources to address Nevada's water quality problems.

Outlook for Nevada's Surface Waters

Realistic goals and technically defensible water quality standards are needed so that TMDLs and other plans will result in measurable improvement to water quality. Significant time and funding are needed to address impaired waters; this means that the pace of developing TMDLs, watershed management plans, and alternative approaches may be slowed by staffing and budget constraints. In particular, developing watershed management plans is a time-consuming process that involves interagency coordination and participation by local stakeholders.

Nonetheless, Nevada has a watershed plan for the Carson River, the Carson River Adaptive Stewardship Plan (CWSD and others 2007; 2017 update), and is working on watershed-based projects in the Walker River Region to take advantage of the new State Park along the East Fork Walker River. As noted above, watershed plans are the most effective tool to address pollution from nonpoint sources.

This page intentionally blank

Section 1.0 - Introduction

In 1972, Congress passed amendments to the Federal Water Pollution Control Act of 1948. The amended act is commonly known as the Clean Water Act (CWA). The goal of this act is to restore and maintain the chemical, physical and biological integrity of the Nation's surface waters. The Nevada Division of Environmental Protection (NDEP) implements the CWA in Nevada, with oversight from the U.S. Environmental Protection Agency (EPA).

Sections 303(d) and 305(b) of the CWA require states to prepare and submit biennial reports to EPA. The 305(b) report is an overall assessment of surface-water quality within the state, and describes the extent to which current conditions provide for the protection of beneficial uses of the waters. The 303(d) report is a list of waters that are not meeting state water quality standards; this list is known as the 303(d) list of impaired waters. EPA must review and approve or disapprove the 303(d) List. Section 303(d) also requires that states develop a total maximum daily load (TMDL), and a watershed management plan or alternative approaches for waters on the 303(d) list.

In 2006 and subsequent years, EPA issued guidance recommending that states prepare a combined or integrated 303(d)/305(b) report. NDEP has developed integrated reports for the 2008-2010, 2012, 2014, and 2016-2018 assessment and reporting cycles. This *Nevada 2020-2022 Water Quality Integrated Report* assesses water quality data collected from **October 1, 2013, through September 30, 2020**. This report is intended as a planning tool for use by NDEP, public agencies, and the general public to help manage and protect the quality of Nevada's surface-water resources.

Primary objectives of the integrated report include the following:

1. Educate and inform citizens and public officials about overall quality of Nevada's surface waters.
2. Determine the extent to which the designated uses for all waterbodies are supported by comparing the data to water quality standards and other appropriate criteria and guidelines.
3. Determine the pollutants causing impairment for any of the beneficial uses.
4. Determine the nature and extent of pollution from point and nonpoint sources, in accordance with state and federal guidelines.
5. Prioritize waterbodies and parameters that need attention

Sampling in the Tahoe Basin

Section 2.0 - Background

2.1 Topography and Hydrogeography

The topography of Nevada is characterized by isolated, roughly parallel mountain ranges separated by broad valleys or basins. The spectacular magnitude of alternating mountain ranges and valleys describes the "Basin and Range Province," which covers most of Nevada. Elevations across Nevada range from 479 feet above mean sea level (amsl) along the Colorado River, to 13,147 feet amsl at Boundary Peak. The average elevation of Nevada is approximately 5,500 feet amsl. Nevada is the seventh-largest state in the U.S., at 110,572 square miles.

For water planning and management purposes, the U.S. Geological Survey (USGS) and the Nevada Department of Conservation and Natural Resources (DCNR) have divided the state into 14 major hydrographic regions (Figure 1). These include the Northwest Region (NV01), the Black Rock Region (NV02), the Snake Region (NV03), the Humboldt River Region (NV04), the West Central Region (NV05), the Truckee River Region (NV06), the Western Region (NV07), the Carson River Region (NV08), the Walker River Region (NV09), the Central Region (NV10), the Great Salt Lake Region (NV11), the Escalante Desert Region (NV12), the Colorado River Region (NV13) and the Death Valley Region (NV14).

About 93,000 (~84%) of the total 110,572 square miles of the state lie within the Great Basin, the major subdivision of the Basin and Range Province, wherein drainage flows to enclosed basins rather than to the sea. The exceptions are the Snake River drainage, which flows to the Pacific Ocean via the Columbia River, and the Colorado River drainage, which flows to the Gulf of California. The Humboldt River terminates in the Humboldt Sink, the Truckee River terminates in Pyramid Lake, the Carson River terminates in the Carson Sink, and the Walker River terminates in Walker Lake.

2.2 Climate and Precipitation

The climate of Nevada is characterized as semi-arid to arid, with precipitation and temperature varying widely between the northern and southern regions of the state, and between valley floors and mountain tops. Nevada is truly a land of great climatic contrast (James, 1984), with temperatures that fall below minus 40 Fahrenheit (°F) during winter months in the northeastern portion of the state, and can rise over 120 °F in the southern portion of the state. Annual precipitation ranges from only three to four inches in southern desert valleys to more than 40 inches at higher elevations throughout Nevada. Nevada is the most arid state in the Nation, with average statewide precipitation estimated between 9.5 inches per year (Western Regional Climate Center, 2005) and 10.3 inches per year (Nevada State Climate Office, 1901-2000 https://extension.unr.edu/climate/?page_id=112)

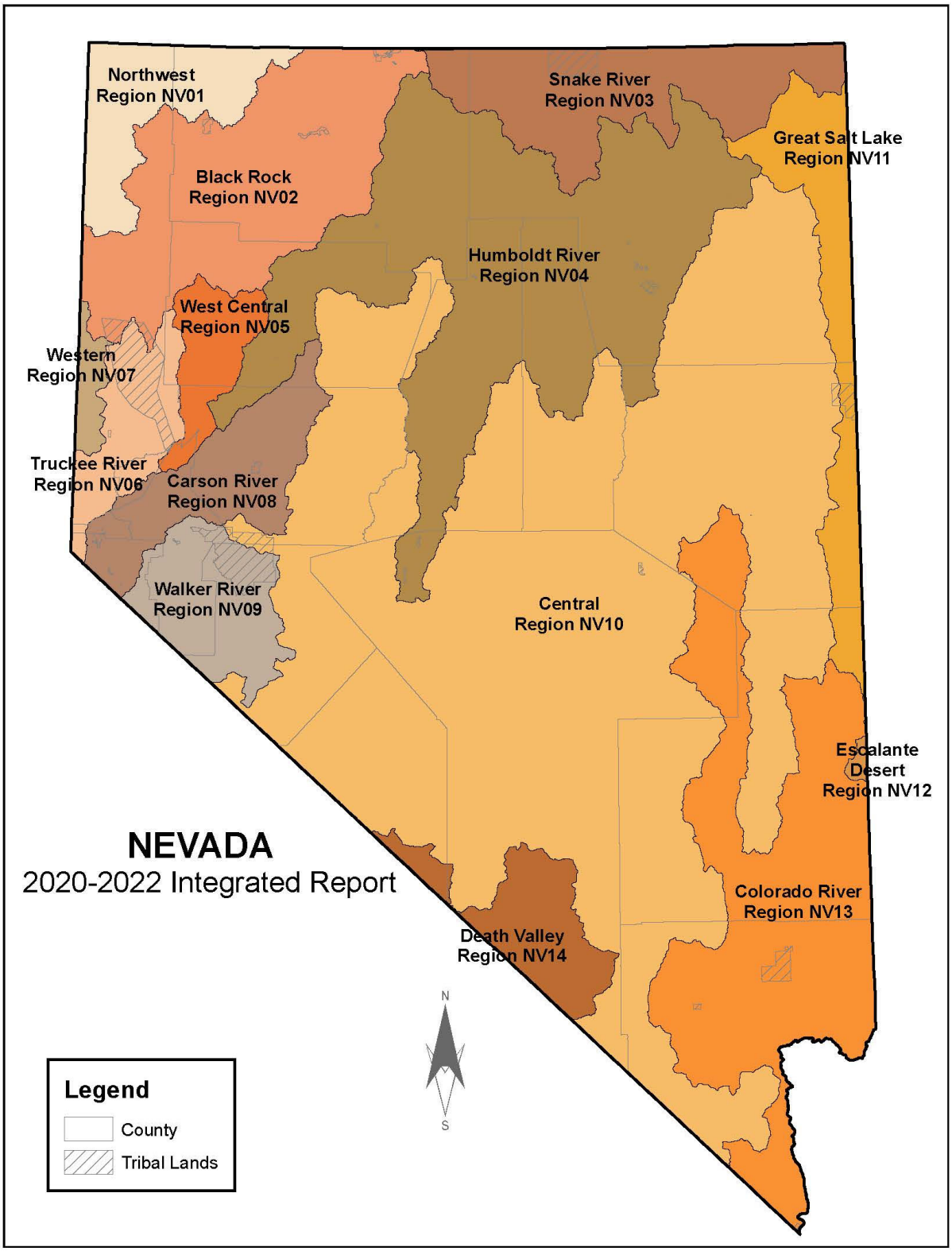


Figure 1. Hydrographic Regions in Nevada.

2.2.1 Global Warming and Climate Change

Human activities, especially the burning of fossil fuels, release "greenhouse gases" such as methane and carbon dioxide (CO_2) into Earth's atmosphere. In the U.S. alone, CO_2 makes up about 80% of all greenhouse gas emissions. Globally, humans have increased the amount of CO_2 in the air from pre-industrial levels of less than 280 parts per million (ppm) to around 420 ppm today (EPA 2021 webpage). See: https://www.epa.gov/ghgemissions/overview-greenhouse-gases

Because CO_2 is a heat-trapping gas, it acts like a blanket to warm the earth by reducing the amount of heat that can radiate back out into space. As the atmosphere warms, evaporation of water increases, as does the amount of moisture the atmosphere can hold. Increased atmospheric moisture, in turn, increases humidity, average rainfall, and the frequency of heavy rainstorms in many places—but contributes to drought in others. Extended periods of extreme drought have occurred in Nevada since 2000 (Figure 2). Periods of intense drought, along with withdrawal of water for irrigation and other uses, can cause Nevada's major river systems (e.g., Humboldt River, Carson River, etc.) to cease flowing aboveground. Samples are not collected if a river is not flowing.

According to researchers at the University In Nevada Reno (UNR), average temperatures have been increasing over time, with eight of the 10 warmest years since 1895 occurring between 2000 and 2020 (see: https://extension.unr.edu/publication.aspx?PubID=3957). Increasing temperatures have exacerbated drought conditions over a wide area of the western U.S. (Figure 3). Higher temperatures lead to increased evaporative demand, which reduces water levels in streams, lakes, and soils. Higher temperatures and lower water levels can diminish water quality. A fact sheet recently released by UNR (McAfee et. al 2021) states:

> *"Despite these uncertain projections of precipitation, drought is fairly likely to increase in intensity and frequency because of higher temperatures. With no change in precipitation (or even an increase), higher temperatures alone will lead to a change from snow to rain, which reduces the amount of water we can store in winter snowpack for use later in the year. High temperatures also lead to more evaporative demand. Evaporative demand—the atmospheric thirst driven by temperature, wind, humidity and solar radiation—plays an important role in droughts and can be particularly impactful in arid places such as Nevada (Table 3). When evaporative demand is higher than normal, soils dry out faster and vegetation becomes drier, leading to increased fire risk and degraded ecosystems. Over the past 40 years, evaporative demand has strongly increased in Nevada, with the fastest increases in the west-central part of the state. Recent precipitation shortages, combined with increasing evaporation, have already led to hydrologic (water supply) droughts being more common since the start of the 21st century. Climate projections indicate this trend will continue through the end of the 21st century."*

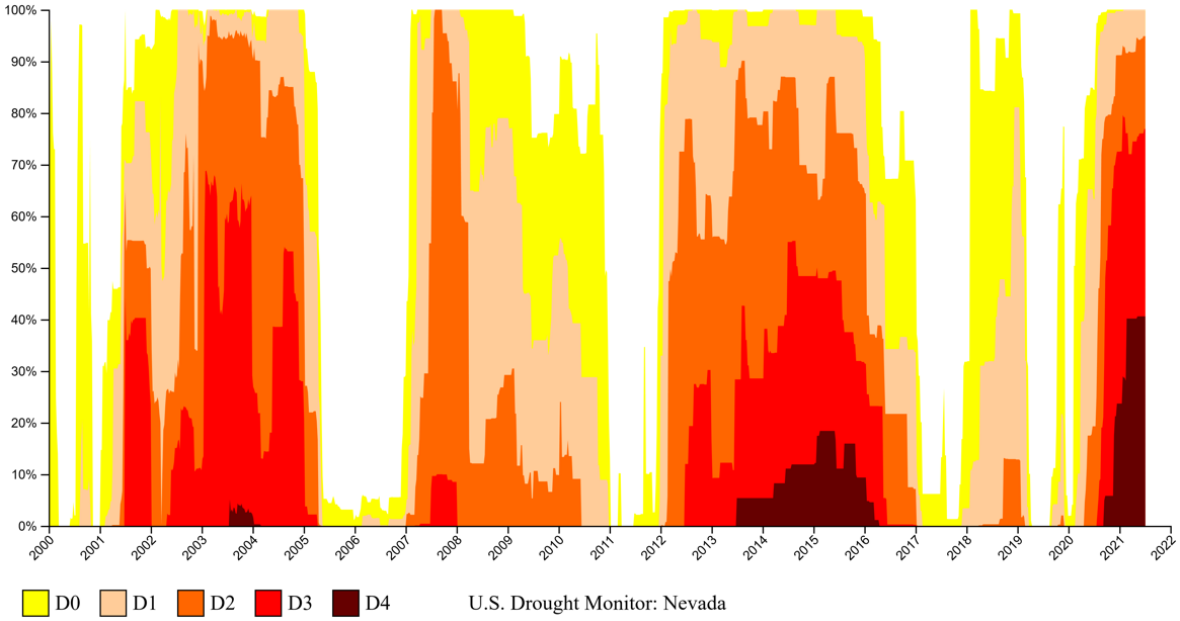


Figure 2. Drought intensity in Nevada, 2000 to 2021

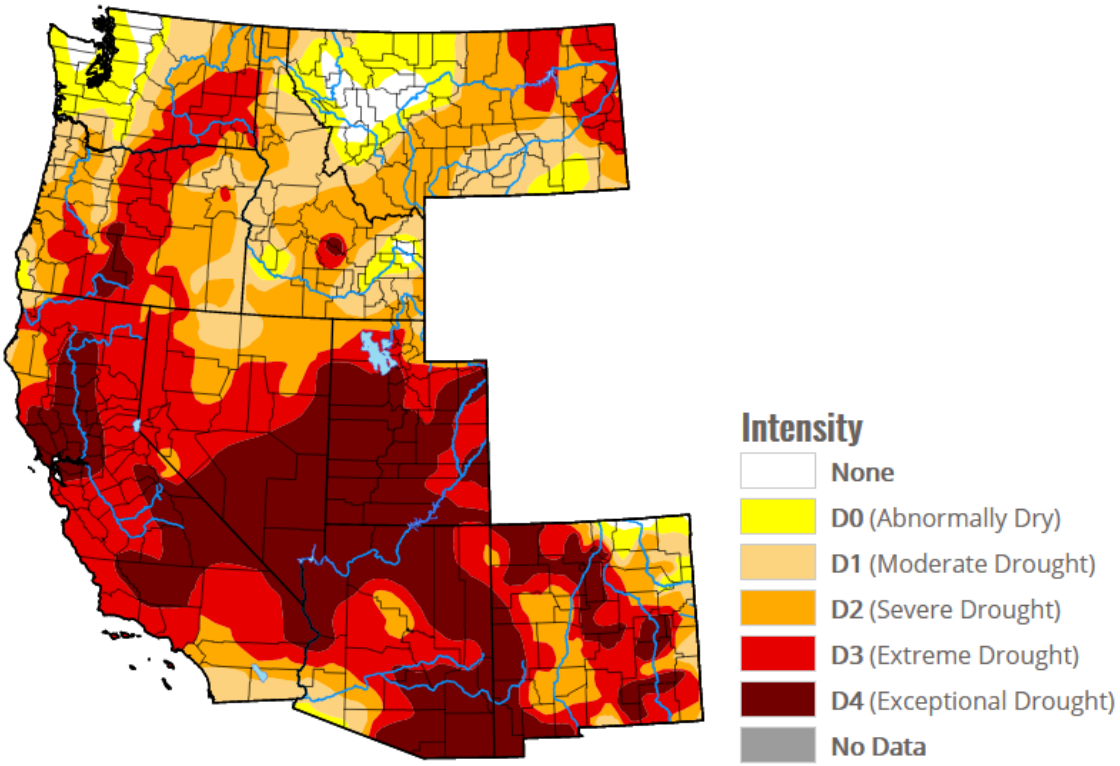


Figure 3. June 24, 2021 Drought Map for the Western U.S.

Maps from: U.S. Drought Monitor, National Drought Mitigation Center, University of Nebraska-Lincoln. 2021. https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NV

Of the total annual average precipitation in Nevada, only about 10 percent contributes to stream runoff and groundwater recharge. The remaining 90 percent is lost through evaporation and transpiration. Average rates of evaporation rates from lake surfaces vary widely across the state, from less than 36 inches per year in the west to more than 80 inches per year in the south (Nevada Division of Water Resources, 1973).

2.3 Surface Water

Surface water is a limited and precious resource in Nevada, providing about 60 percent of the total water supply used in the state (Nevada State Division of Water Planning 1999). Throughout Nevada, surface-water flows can vary widely from year to year and from month to month, with maximum discharges generally occurring in spring, as a result of snowmelt in the mountains. With the exception of the Humboldt and Snake Regions, most of the water flowing in Nevada's larger river systems comes from runoff originating in other states, including Arizona, California, Oregon, Wyoming, Colorado, and Utah. The larger rivers typically follow the flow pattern of a gaining stream in the well-watered mountain segments and a losing stream in the lower segments. Reductions in downstream flow result from water diversions for irrigation and drinking water uses, infiltration, and evapotranspiration.

Nevada can claim few large rivers and streams compared to other states. With the exception of the Colorado River, Nevada's perennial streams are small by national standards. According to EPA (EPA Watershed Assessment, Tracking & Environmental Results website; EPA 2021b), only about 10% (15,549 miles) of the rivers and streams in Nevada are perennial (**Table 1**). However, this 10% of the streams carries most of the surface-water flow in the state. The other 90% (126,257 miles) of the streams are considered intermittent or ephemeral. Additionally, 1,782 miles of manmade ditches and canals exist throughout the state. According to best estimates, Nevada has 1,070 lakes, reservoirs, and ponds, with an approximate total acreage of 553,239 acres, as well as 136,650 acres of wetlands. Not all these waters are monitored and assessed.

Table 1. Summary of Total Length or Area of Waterbodies in Nevada

Type of Waterbody	Amount	Units
Miles of Rivers, Streams, Canals, and Ditches	143,588	miles
• Perennial Rivers/Streams	15,549	
• Intermittent/Ephemeral Streams	126,257	
• Ditches/Canals	1,782	
Number of Lakes/Reservoir/Ponds	1,070	no.
Lakes/Reservoirs/Ponds	553,239	acres
Freshwater Wetlands	136,650	acres

Source: EPA's Watershed Assessment, Tracking & Environmental Results website; previous Nevada 305(b) reports.

The miles of streams and acres of lakes and reservoirs, as well as the area of wetlands that were assessed as "Waters of the U.S." are identified below (**Table 2**). Of the typically perennial streams in Nevada, just over 43% were assessed. Almost 70% of lakes and reservoirs in Nevada were assessed, along with approximately 41% of wetlands.

Table 2. Percent Waterbodies Assessed in Nevada 2020-2022 Water Quality Integrated Report

Type of Waterbody	Total Size in Nevada	Assessed for 2020-2022	Units	% Total Assessed	Number of Assessment Units
Streams (Perennial Only)	15,549	6,768	miles	43.5%	619
Lakes/Reservoirs/Ponds	553,239	383,486	acres	69.3%	67
Freshwater Wetlands	136,650	56,607	acres	41.4%	13
					Total = 699 Units

Sampling in the Northwest Region

Section 3.0 – Water Quality Control Programs

3.1 Water Quality Standards

Nevada's water quality standards, as contained in the Nevada Administrative Code (NAC) 445A.11704 – 445A.2234, define the water quality goals for a waterbody by designating beneficial uses of the water and setting criteria necessary to protect those beneficial uses. Beneficial uses include, but are not limited to, contact recreation, irrigation, aquatic life, watering of livestock, and municipal or domestic supply (see table on page vi).

In many cases, river or stream systems consist of two or more segments (i.e., assessment units), which may have different beneficial uses and different numeric criteria. Segments are established at specific control points, pursuant to NAC 445A.1239, also referred to as the "tributary rule." On a given waterbody, the standards apply to that control point and the remainder of the waterbody upstream, as well as all surface waters upstream or to the next control point upstream. If there are no control points downstream from a particular control point, the standards for that control point apply for the remainder of the waterbody downstream, as well as all surface waters downstream (in Nevada) or to the next waterbody downstream that is named in the NAC. NAC 445A.1239 provides protection for many surfaces waters that are not specifically defined in water quality standards tables in the NAC.

Nevada's water quality standards contain both narrative and numeric criteria. The narrative standards contained in NAC 445A.121 apply to all surface waters of the State and require waters to be "free from" various pollutants in sufficient levels so as to not be unsightly; interfere with any beneficial uses; create a public nuisance; be toxic to human, animal, plant, or aquatic life; or have any other adverse effects.

There are two types of numeric criteria in the regulations: (1) waterbody-specific criteria for conventional pollutants, and (2) statewide criteria for toxic materials and ammonia. Waterbody-specific numeric criteria have been developed for a number of waters in Nevada, as described in the water quality standards tables at NAC 445A.1252 – 445A.2234. These standards include criteria to protect the beneficial uses and, in certain cases, antidegradation requirements to maintain existing higher water quality (RMHQs). The tributary rule provides protection for many surface waters that are not specifically defined in the water quality standards tables in the NAC.

Numeric criteria for specific toxic materials are contained in NAC 445A.1236 and apply to all waters specified in NAC 445A.1252 – 445A.2234 and tributaries, unless otherwise specified. Numeric criteria in NAC 445A.1236 are specified for four beneficial uses: municipal or domestic supply, aquatic life, irrigation of crops and watering of livestock. Most of the standards are based on values for ambient water quality criteria published by EPA; however, numeric standards for the protection of municipal or domestic water supplies are generally based on maximum contaminant levels (MCLs), as adopted by the State Environmental Commission (SEC).

3.1.1 Human Health Criteria in Title 40 of the Code of Federal Regulations

In addition to the standards described in the NAC, EPA has promulgated standards that are applicable for Nevada (see Title 40 of the Code of Federal Regulations [CFR] 131.36(d)(11)). Concentrations of carcinogenic compounds listed in the CFR are based upon a risk level of 10^{-6}; which is best defined as the risk of one excess cancer per million people and is based on the carcinogenicity of carcinogenic chemicals. Toxicologists at EPA calculate these risk levels using the current toxicological data and a certain set of exposure assumptions. EPA uses the 10^{-6} value for screening, but for decisions, EPA uses a "risk management range," defined as the one-in-one-million to one-in-ten-thousand risk range (i.e., from 10^{-6} to 10^{-4}).

Nevada follows 40 CFR 131.36(d)(11)(iii), using concentrations that represent the 10^{-5} risk level (i.e., one excess cancer per 100,000 people) for carcinogenic chemicals. To convert the values for the 10^{-6} risk level given in 40 CFR to a 10^{-5} risk level, the decimal point is moved one place to the right. (For example, if 100 micrograms per liter (µg/L) of a carcinogenic chemical poses a 10^{-6} risk, then 1,000 µg/L of that chemical poses a 10^{-5} risk; a slightly greater risk.) More information on these criteria is provided in Appendix A, Assessment Methodology.

3.2 Nevada's Water Pollution Control Program for Point-Source Discharges

The NDEP Bureau of Water Pollution Control (BWPC) issues discharge permits to protect all waters of the State, including groundwater, pursuant to the State of Nevada Water Pollution Control Law, Nevada Revised Statutes (NRS) 445A.300 - 445A.730. Additionally, BWPC administers the National Pollutant Discharge Elimination System (NPDES) Permit Program, pursuant to CWA Section 402 for discharges to waters of the U.S., with oversight from EPA.

Depending upon the type of discharge, duration, and affected waterbody, BWPC may issue individual, general, or temporary permits for the following activities:

- Point-source discharges to surface-water bodies. These include discharges covered under NPDES permits, such as major sewer treatment plants, industrial, Phase-I municipal separate storm-sewer systems (MS4) and concentrated animal feeding operations.
- Discharges that may impact subsurface waters and other waters of the State, but are not covered under NPDES permits. These include discharges from wastewater ponds, rapid infiltration basins, onsite sewage-disposal systems, and reuse.
- Injections into underground sources of drinking waters pursuant to Section 1422 of the Safe Drinking Water Act (SDWA) and the State Water Pollution Control Law. These include injections related to oil and gas production.

General permits are “umbrella” permits for a specific, defined type of discharge. The conditions of the permit and monitoring requirements are the same or similar for all entities covered under the general permit. General permits are issued to control surface water runoff at construction, industrial and mine sites. Other general permits include Phase II MS4s, and for pesticide application, de minimis discharges, holding tanks, and small onsite sewage disposal systems.

NDEP may issue temporary permits for the discharge of pollutants or the injection of fluids through a well when discharges are expected to last between 48 hours and six months (180 days). Two types of temporary permits include:

- *Temporary Discharge to Waters of the State Permit* covers discharges from remediation and disinfection activities, well pump testing, aquifer drawdown testing, dewatering, underground injection of fluids and other discharges of a temporary nature and requiring immediate action.
- *Working in Waterways Temporary Permit* covers temporary work or routine maintenance in surface waters of the State such as channel clearing and minor repairs to intake and diversion structures. This permit is required before operating earthmoving equipment in any body of water.

3.3 Management Program for Nonpoint Source Pollution

Pollution from nonpoint sources is the leading cause of water quality impairments in Nevada. Unlike pollution from a discrete source such as industrial pipes or wastewater treatment plants, nonpoint source (NPS) pollution is mobilized as water from rain, snowmelt, or irrigation flows over the landscape and picks up contaminants from diffuse sources. Natural and man-made pollutants from lawns, roads, parking lots and fields are carried into rivers, streams, lakes, wetlands, and groundwater. Typical pollutants found in these runoff waters include sediment, fertilizers, salts, bacteria, metals, petroleum products and organic materials.

Addressing pollution from nonpoint sources in Nevada is challenging due to legacy problems of hydrologic modification, riparian habitat destruction, and flow alteration; as well as contemporary issues related to urban runoff and other land uses. As the lead agency for addressing nonpoint source pollution in Nevada, NDEP Bureau of Water Quality Planning (BWQP) coordinates, collaborates, and builds key partnerships with a wide variety of local, State, and federal agencies, tribes, environmental organizations, educational institutions, and private landowners to effectively address the potentially adverse effects of pollution derived from nonpoint sources.

The *2020-2024 Nonpoint Source State Management Plan* (NDEP 2020b) for Nevada was approved by EPA in September 2020. This plan formalizes Nevada's approach for protecting and improving water quality throughout the State. It describes management goals, short- and long-term objectives, milestones, and timeframes to guide activities, and metrics for tracking success. Reductions in pollution from nonpoint sources will be accomplished through a combination of technical and financial assistance, training, education, planning and implementation of water quality improvement projects. Projects include channel stabilization, riparian habitat restoration, grazing management, urban-runoff management, and low-impact development installations.

3.4 Water Pollution Control Revolving Fund

The Water Pollution Control State Revolving Loan Fund (SRF) was created by Congress in the CWA amendments of 1987 to replace the Construction Grant Program. The purpose of the SRF is to provide loans at (or below) market rate and to provide other forms of financial assistance to municipalities to help finance the construction of wastewater treatment works and projects to control pollution derived from nonpoint sources. The SRF provides loans for infrastructure construction to publicly owned wastewater systems in Nevada. Loans can also be used to control nonpoint sources of water pollution.

The types of financial assistance available include loans, loan guarantees, purchase of bond insurance to guarantee debt service retirement, and refinancing existing debt obligations where the initial debt was incurred after March 5, 1987 and the project complied with all the requirements necessary to receive a loan. Eligible projects include wastewater treatment plants, collection systems, interceptors, infiltration/inflow correction, sludge management projects, stormwater control projects, erosion control, and other projects to control pollution from nonpoint source controls.

Since about 1990, more than $520 million dollars has been spent on projects to improve water reclamation facilities across Nevada. More information on specific projects is available at: https://ndep.nv.gov/water/financing-infrastructure/state-revolving-fund-loans/clean-water-wastewater

3.5 Plans for Improving Water Quality: TMDLs and Watershed Management

A TMDL is the allowable loading from all pollutant sources (point source, nonpoint source, and natural background) established at a level necessary to achieve compliance with applicable water quality standards. 40 CFR Part 130.7 requires states to develop TMDLs for each waterbody segment and parameter combination that appears in the 303(d) List (Category 5 of the Integrated Report). Additionally, a watershed management plan or alternative approaches for improving water quality can also be developed.

The development of TMDLs is a time intensive and costly undertaking, so NDEP checks two conditions prior to development:

(1) First, the water quality impairment must be verified. To verify that the impairment is valid and conclusive, NDEP conducts a rigorous review of the existing beneficial uses and numeric criteria for the parameters in question to determine if water quality standards are appropriate and an impairment actually exists. This is a crucial step in the TMDL process because the use of inappropriate beneficial uses or criteria would lead to inappropriate TMDLs. EPA's document *"Reducing Reporting Burden under Clean Water Act Sections 303(d) and 305(b)"* (February 2013a) confirmed this position by recommending that states ensure that appropriate water quality standards are in place.

(2) The second factor NDEP considers before undertaking development of a TMDL or a watershed management plan, is stakeholder interest. Most impairments in Nevada are the result of nonpoint-source pollution, channel modification, or flow diversions. Improving water quality for these types of impairments generally requires implementing voluntary measures. NDEP will prioritize staff and funding resources to develop nonpoint-source-related TMDLs in watersheds where there is interest and funding by local, State, or federal resource management agencies, and when landowners or other entities are willing to address the problems.

The rationale for setting long-term priorities and plans to develop future TMDLs and alternative restoration approaches or protection plans, includes evaluating which parameters cause the majority of impairments (see Table ES-1), and which parameters can be controlled through regulation or voluntary cooperation. Evaluating the impairments by parameter also helps with deciding which updated EPA-recommended criteria should be prioritized for adoption into state water quality standards. For example, the current water quality standard for beryllium is based on a 1986 criteria value (EPA 1986), and needs updating, rather than a TMDL.

The *Nevada 2020-2022 Water Quality Integrated Report* found that the parameters causing the most impairments are total phosphorus (19.3%) and temperature (10.2%). For some waters, TMDLs have already been developed for total phosphorus, total suspended solids (TSS), temperature, and other parameters (see Attachment 5 for details). Large dischargers, such as wastewater treatment plants, are typically meeting their discharge permits for phosphorus limits. Nonpoint sources contributing to phosphorus impairments are likely to benefit from watershed management plans. Stakeholder involvement is needed to effectively implement watershed management plans and TMDLs that address pollutants from nonpoint sources. The Nonpoint Source Program within BWQP provides guidance in the *2020-2024 Nonpoint Source State Management Plan* (NDEP 2020b). Other organizations and plans working to improve water quality include the following:

- Carson Water Subconservancy District – implement the Carson River Adaptive Stewardship Plan

- Douglas County, Washoe County and Nevada Department of Transportation (NDOT) - implement the Lake Tahoe TMDL
- Southern Nevada Water Authority and Las Vegas Wash Coordination Committee – implement the Las Vegas Wash Comprehensive Adaptive Management Plan
- Virgin River Coalition – implement Virgin River Watershed Plan
- Reno, Sparks, Washoe County, and other stakeholders – implement the One Truckee River Management Plan.
- Conservation Districts (Carson Valley, Dayton Valley, Smith Valley and Mason Valley) – restore riparian habitats, stabilize riverbanks, educate the public.
- Walker Basin Conservancy

3.5.1 TMDL Vision Plans for Restoration

In December 2013, EPA announced a new framework – *A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program* (EPA 2013b). Both state and EPA program managers worked collaboratively to improve program implementation, reorient programs toward state priorities, and increase flexibility. A key component of the 2013 "Vision" allows for the use of alternative plans (watershed-based plans, direct-to-implementation plans, or other types of plans) to help improve water quality. NDEP is working on an appropriate means for implementing the recommendations in a way that best fits Nevada's waterbodies.

Because traditional TMDLs are implemented during the process of permitting point-source discharges, they have no effect in waters that have no permitted point-source discharges. Most of Nevada's waters do not have permitted point-source discharges, so traditional TMDLs for these waters would simply "sit on the shelf." The Vision allows states to better address pollution from nonpoint sources, as well as "pollution not caused by a pollutant" (e.g., high stream temperatures due to destruction of riparian vegetation). Teaming up with the Nonpoint Source Branch, the Standards, Assessment, and Monitoring Branch selected two Vision projects: the Carson River in the Carson Valley, and the East Fork Walker River that traverses Nevada's newest State Recreation Area, the Walker River State Recreation Area http://parks.nv.gov/about/explore-your-nevada-initiative/q-a-walker. Work on both project areas is in progress.

Realistic goals and technically defensible water quality standards are needed so that TMDLs and other management plans will result in measurable improvement to water quality. Significant time and funding are needed to address impaired waters; this means that the pace of developing TMDLs and watershed management plans may be slowed by staffing and budget constraints. It will take time to address Nevada's water quality problems, particularly those related to pollution from nonpoint sources; however, efforts are underway by governmental and nongovernmental entities to help educate the public and improve water quality.

3.6 Other Options: Use Attainability Analysis

One option that NDEP has not previously used is known as a "use attainability analysis" (UAA). A UAA is used to remove or revise an unattainable designated beneficial use for a specific waterbody or waterbody segment (see 40 CFR 131.10(g)). Use of a UAA to revise a standard, such as an unattainable temperature standard on a river, merits consideration for some parameter-waterbody combinations. NDEP is currently developing a UAA to revise the subcategory of designated aquatic life use, from cold-water to warm-water fish, for segments of the Carson River in the Carson Valley. Warm water temperatures, and temperature impairments resulting from low flows in a stream system that has limited upstream storage to moderate flow, are only anticipated to increase as the region enters into extreme drought conditions exacerbated by climate change and a warming planet.

Photo credit: River Fork Ranch Bank Restoration Project, from the Nature Conservancy

3.7 Contributions from Natural Background

An additional factor that has not been evaluated in depth in previous assessments is natural background. Section 6.0 of the *Nevada 2020-2022 Water Quality Integrated Report* discusses this factor in more detail. Although not deployed in the 2020-2022 assessment, Nevada is proposing to use a performance-based approach for evaluating natural background concentrations for trace metals. The reader is referred to Section 6.0 for more discussion on the topic of natural background.

Section 4.0 - Monitoring and Assessment of Surface-Water Quality

4.1 Introduction

This *Nevada 2020-2022 Water Quality Integrated Report* evaluates data collected over a 7-year period, between **October 1, 2013 and September 30, 2020.** All waterbodies identified in 445A.11704 – 445A.2234 were included in the assessment. Waterbodies without site-specific water quality standards in the NAC were assessed using the tributary rule, NAC 445A.1239, and narrative criteria, NAC 445A.121. State waters that are not "Waters of the U.S." may be assessed; however, are not included in the *Nevada 2020-2022 Water Quality Integrated Report*. NDEP assumes all waters are "Waters of the U.S." unless a determination has been made otherwise by the Army Corps of Engineers or EPA.

Attachments to this report include the following information:

- **Attachment 1** lists the waterbodies included in the *Nevada 2020-2022 Water Quality Integrated Report*, along with status updates.
- **Attachment 2** shows assessment results for all waterbodies, ordered by assessment category (i.e., Categories 1 through 5).
- **Attachment 3** shows Category 5 "Impaired" or "303(d)-Listed" waters.
- **Attachment 4** shows delisted parameters, by waterbody, with cause of delisting noted.
- **Attachment 5** lists EPA-approved TMDLs.

NDEP has created a web map application (available at http://webgis.ndep.nv.gov /) to display the water quality monitoring locations and assessment results documented in this *Nevada 2020-2022 Water Quality Integrated Report.*

As required by CWA section 303(d) and CFR 130.7(B)(5), NDEP compiled and considered "all existing and readily available water quality related data and information," such as chemical and physical data for waterbodies, along with data for stream sediment, fish tissue, and biological samples. These types of data, along with narrative and qualitative information, were used to evaluate the condition of Nevada's waterbodies.

4.2 Data Sources

Existing and readily available data and information may include, but are not limited to, the following:

- Recent 303(d)/305(b) integrated reports.
- NDEP monitoring data.
- Data, information, and water quality issues reported from local, State, territorial, or federal agencies, tribal governments, the public, industry, and academic institutions.

- Assessments of nonpoint sources of pollution, per Section 319 of the CWA.
- Source-water assessments conducted under Section 1453 of the SDWA
- Results of dilution calculations, trend analyses, or predictive models for determining the physical, chemical, or biological integrity of streams, rivers, and lakes.
- Fish consumption or other health advisories issued by the Nevada Division of Public and Behavioral Health (NDPBH), and described on the Nevada Department of Wildlife (NDOW) website at http://www.ndow.org/Fish/Fish_Safety/Mercury/

For most waterbodies, the most comprehensive information comes from physical and chemical water-column monitoring data, and scientifically defensible special studies (including chemical and biological information). Other types of data—such as stream sediment, fish tissue, narrative information, etc.—are generally not as common for waterbodies throughout Nevada. Although NDEP examined all types of data, most listing decisions were based upon numeric data from water-column samples or field measurements, because this type of data is most available. Data collected by NDEP were aggregated with data from outside entities. The aggregated data represent more than 1,000 water quality monitoring sites (Figure 4), and roughly 150 possible parameters.

It is relatively straightforward to define methods for evaluating numeric data for compliance; however, it is much more challenging to define how other types of data and information will be used in the assessment and listing process. Appendix A describes the methodology used in the 2020-2022 assessment. BWQP uses the water quality assessment and reporting tool (WART), which was developed and first used in the *Nevada 2016-2018 Water Quality Integrated Report* (NDEP 2020a). Using WART ensures consistency throughout the assessment process. In general, analytical data for water samples and field data for waterbodies were used as the sole basis for listing a waterbody (i.e., placing a waterbody on the 303(d) list of impaired waters). The exception is fish-tissue data that indicated an impairment (such a mercury in fish tissue), which could alone result in listing.

4.3 NDEP Monitoring Data

4.3.1 Ambient Water Quality Data

Ambient water quality data collected as part of NDEP's Statewide monitoring program constitutes the primary source of data for development of the *Nevada 2020-2022 Water Quality Integrated Report*. This data set consists mainly of analytical results for grab samples collected at specific sampling sites across the State. NDEP samples are collected according to procedures outlined in the *Nevada Quality Assurance Program Plan for Surface Water Sampling* (NDEP, February 2020c) at: https://ndep.nv.gov/uploads/water-wqm-docs/QAPP_FINAL_2020.pdf

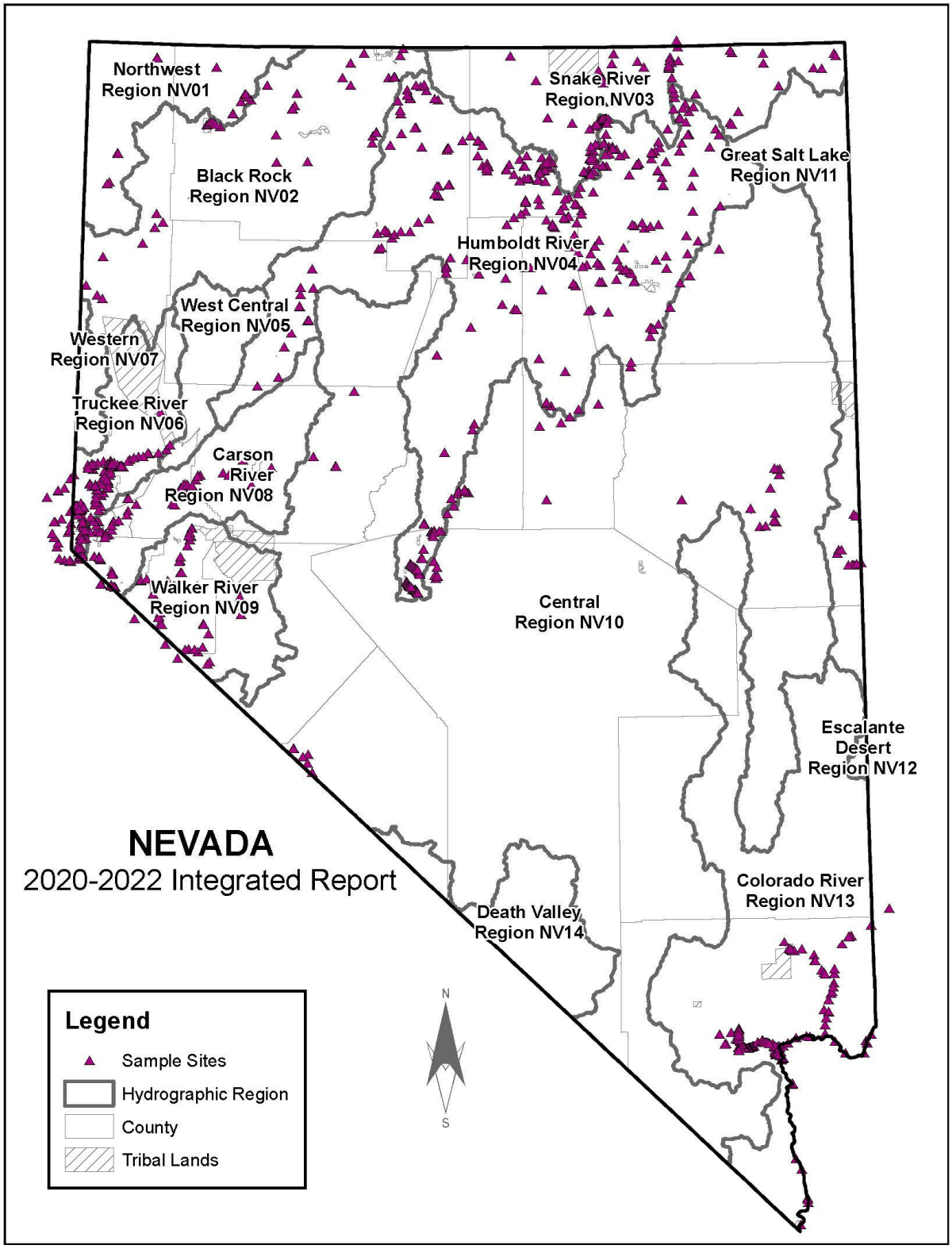


Figure 4. Sampling Sites for Water Quality Data Assessed in the *Nevada 2020-2022 Water Quality Integrated Report*

The NDEP monitoring program covers most of Nevada, and used to include the Colorado River Region; however, because of limited resources, NDEP now retrieves data for this region from the Southern Nevada Water Authority's (SNWA's) database. In other regions across Nevada, NDEP monitors a number of sites for physical and chemical quality as part of a fixed-station and rotating-region design. Qualitative information to evaluate the narrative standards is also collected by NDEP at all monitoring sites. Staff note whether or not the water contains conditions as described in NAC 445A.121 and NAC 445A.122.

In addition to the routine monitoring stations, several intensive field studies are conducted on select waterbodies on a progressive cycle. A subset of lakes and reservoirs is also intensively monitored on a rotating basis. Whenever possible, discrete-depth samples are collected at several sites within a particular lake or reservoir; however, at times, sample collection may be limited to one point (generally at the outlet) that is easily accessible to the monitoring crew.

4.3.2 Bioassessment Monitoring

Bioassessment monitoring provides a measure of the condition of resident aquatic biota and physical habitat characteristics of rivers and streams. Samples are collected for water chemistry, benthic macroinvertebrates, periphyton, and fish (at some sites). The information and data are used to determine the ecological integrity of waterbodies and support the development of water quality standards and TMDLs.

In 2000, NDEP initiated a biological assessment program with the overall goal of developing baseline data within each hydrographic region. To date, more than 550 sites have been assessed throughout the state, including more than 100 sites associated with the EPA's National Aquatic Resources Surveys and 129 Nevada-specific probabilistic sites. More than one-hundred sites have been designated as potential reference sites that are as close to natural conditions as possible prior to human influences. NDEP is evaluating how best to integrate this type of data into the biennial assessment process.

A reference-condition model of benthic macroinvertebrates designed specifically for Nevada was developed by the Western Center for Monitoring and Assessment of Freshwater Ecosystems (Utah State, Logan, Utah). The model applies a "reference-condition approach," which utilizes benthic invertebrate life-history characteristics applied to multimetric indices (MMI). In addition to the reference-condition model, an investigation of a periphyton MMI based on diatom community assemblage is ongoing. Select sites are revisited annually to confirm the accuracy and validity of the reference-condition and periphyton MMIs approaches for evaluating the ecological integrity of Nevada's surface waters.

4.4 Other Sources of Monitoring Data

Water quality data from other entities was solicited through a public call for data in January 2021; through which, several entities submitted information and data. Additionally, NDEP staff actively sought data from federal and state websites. Mining companies and other entities reporting to the State must use State-certified laboratories; however, the main sources of data used in the assessment are federal and state agencies (**Table 3**).

Table 3. Sources of Data Used for the *Nevada 2020-2022 Water Quality Integrated Report*.

Entity Acronym	Entity Name
BARRICK	Barrick Gold Corporation
BOR	Bureau of Reclamation
CLV	City of Las Vegas
NDOW	Nevada Department of Wildlife
NEWMONT	Newmont Mining Corporation
SNWA	Southern Nevada Water Authority
TMWRF	Truckee Meadows Water Reclamation Facility
TROUTUNLIM	Trout Unlimited
USGS	U.S. Geological Survey
USU	Utah State University, Logan, Utah

4.5 Assessment Categories

BWQP assesses waterbody segments that have beneficial uses and water quality criteria designed to protect those uses. To develop the *Nevada 2020-2022 Water Quality Integrated Report*, the beneficial uses for each waterbody segment were evaluated to determine their support status (i.e., are standards being attained?). A given beneficial use was considered to be fully supported if the applicable water quality criteria (i.e., standards) were met. Likewise, a beneficial use was not supported if any one of the applicable water quality criteria for that use was not met. In some instances, there may not have been enough information to make a use-support evaluation; such waters are assigned as Category 3 waters. More information on the current assessment methodology, which NDEP has followed since 2008, is provided in Appendix A to this report.

4.5.1 Beneficial Use Attainment

For each waterbody, every beneficial-use and parameter pairing was evaluated to determine use-attainment status. From this analysis, each beneficial use for a waterbody was assigned to one of the following use-attainment groups:

- Fully supporting – All water quality standards for the beneficial use were met.
- Insufficient information – Data exist but were insufficient in extent to assess the beneficial use.
- Not supporting – At least one of the water quality standards for the beneficial use was not met.

4.5.2 Waterbody Attainment

Based on its beneficial use attainment, each waterbody segment was placed in one of the following categories:

Category 1: Fully Supported

All beneficial uses are supported (according to the water quality standards provided in NAC 445A.118 through NAC 445A.2234).

Category 2: Some Uses Attained

Some beneficial uses are supported; there are insufficient or no data to assess other uses.

Category 3: Insufficient Information

Insufficient data are available to assess any beneficial uses.

Category 4: At Least One Designated Use is Not Supported, but a TMDL is in Place

Category 4a: An EPA-approved TMDL exists.
Category 4b: Other required control measures are expected to result in the attainment. (None currently in Nevada.)
Category 4c: The non-attainment is the results of pollution that is not a pollutant. (None currently in Nevada.)

(Note: No waterbodies were categorized as 4b or 4c in the *Nevada 2020-2022 Water Quality Integrated Report*. A new category for natural background, 4d, has also been proposed by NDEP)

Category 5: Not Supported

Not meeting criteria for at least one beneficial use and a TMDL is needed. These are the waters on the 303(d) list (i.e., the List of Impaired Waters).

A list of Nevada's assessed waterbodies is maintained in EPA's Assessment, TMDL Tracking and Implementation System (ATTAINS). ATTAINS contains assessment information, including the type of monitoring conducted at specific waterbodies; causes and sources of water quality impairment; 303(d) listing information; TMDL development timelines; and waterbody name, size, location and assigned beneficial uses. ATTAINS is discussed more in Section 6.3 of this report.

4.6 A Special Note About Fish Tissue – Mercury

In January 2001, EPA published the CWA section 304(a) recommended water quality criterion for methyl mercury (EPA 2001), expressed as a fish-tissue concentration of 0.3 milligrams per kilogram (mg/kg), wet weight. Nevada has not adopted this EPA criterion. The NDPBH issues fish-consumption advisories based on the Federal Drug Administration (FDA) action level for mercury in fish tissue (1.0 mg/kg, wet weight).

NDEP's policy is to include waterbodies in Category 5 (i.e., on the 303(d) list), if a fish-consumption advisory from NDPBH was in effect during the assessment period. EPA's position is that impairment determinations for fish consumption should be based on the 0.3 mg/kg criterion rather than the FDA's action level of 1.0 mg/kg. As a result, EPA has added (or "overlisted") a number of waterbodies on the 303(d) list as impaired for fish consumption in some previous integrated reports. Because NDEP does not routinely collect fish tissue for metals analysis, there are limited data to reassess the waters impaired for mercury in fish tissue, so the impairments remain.

For the *Nevada 2020-2022 Water Quality Integrated Report*, NDEP continues to rely on fish-consumption advisories issued by the NDPBH as the basis for new 303(d) listings for mercury in fish tissue. However, for waterbodies or waterbody segments previously overlisted by EPA for mercury in fish, NDEP has carried forward those impairments. There are 40 such waterbodies or waterbody segments in *the Nevada 2020-2022 Water Quality Integrated Report* (**Table 4**).

Table 4. Waters Overlisted by EPA for Mercury in Fish Tissue, Beneficial Use - Fish Consumption

Region	Waters "Overlisted" for Mercury in Fish Tissue, Fish Consumption
Snake, NV03	Jakes Creek Reservoir; Owyhee River above Mill Creek; Owyhee River, South Fork; Wild Horse Reservoir
Humboldt, NV04	Barth Pit; Chimney Reservoir; Humboldt River at Imlay; Humboldt River at Palisade; Humboldt River at Woolsey; Humboldt River, South Fork at the Humboldt River; Little Humboldt River, North Fork at the national forest boundary; Rye Patch Reservoir; South Fork Reservoir
Truckee, NV06	Washoe Lakes
Carson, NV08	Carson River at Dayton Bridge; Carson River at Lahontan Reservoir; Carson River near New Empire; Carson River, Lower; Diagonal Drain; Harmon Reservoir; Indian Lakes; Lahontan Reservoir; Lower Carson River; Rattlesnake Reservoir; South Carson Lake; Stillwater Marsh east of Westside Road; Stillwater Marsh west of Westside Road; V-Line Canal; all lakes, reservoirs, and wetlands below Lahontan Dam; all stream/rivers below Lahontan Dam in Lahontan Valley
Walker, NV09	Bodie Creek, Rough Creek, Topaz Lake, Walker River, East Fork at Bridge B-1475
Central, NV10	Comins Reservoir, Overland Lake, Ruby Marsh, Warm Springs Pond
Colorado, NV13	Echo Canyon Reservoir, Nesbitt Lake

This page intentionally blank.

Section 5.0 Assessment Results

For the *Nevada 2020-2022 Water Quality Integrated Report*, 699 waterbodies or waterbody segments (i.e., assessment units) were assessed for about 150 parameters, including metals, anions, organic compounds, bacteria, etc., as well as physical characteristics, such as dissolved oxygen (DO), temperature, pH, turbidity, total suspended solids (TSS), and total dissolved solids (TDS). The dataset evaluated in this assessment contained approximately 2,000,000 data points collected from more than 1,000 monitoring sites. The number and size of waterbody assessment units contained three main types of waterbodies (streams, lakes or reservoirs, and wetlands) are summarized in **Table 5**. Waters assessed for the *Nevada 2020-2022 Water Quality Integrated Report* are shown in **Figure 5**.

Table 5. Waterbodies Evaluated in the Nevada 2020-2022 Water Quality Integrated Report

Waterbody Type	Number of Assessment Units	Size	Units
Streams	619	6,767.6	Miles
Lakes/Reservoirs	67	383,486	Acres
Wetlands	13	56,607	Acres

The assessment results for each of these waterbodies or waterbody segments are presented in Attachment 1: Results of the 2020-2022 Waterbody Assessment. These assessment results can also be viewed using a web map application (at http://webgis.ndep.nv.gov/), developed by NDEP. The web map displays assessed waterbodies, along with assessment results, and locations of water quality monitoring sites.

5.1 Streams

According to EPA,[3] Nevada contains approximately 15,549 miles of perennial streams. For the *Nevada 2020-2022 Water Quality Integrated Report*, about 6,767.6 miles (approximately 44% of Nevada's 15,549 miles of perennial streams) were evaluated. So, less than half the total miles of perennial streams were assessed during this assessment period. Additionally, no beneficial uses have been assigned for 233 miles of streams, leading to a maximum of 6,535 miles assessed against beneficial use standards.

Looking at the total number of stream segments assessed (N = 619), about one-third (31.5%) were meeting all or some of the water quality standards, and were assessed as Categories 1 and 2 (**Table 6**). Another third (32.6%) of the stream segments lacked the data needed to assess one or more of the beneficial uses and were placed in Category 3. Likewise, approximately one-third of the streams were found to have at least one impairment and were placed in Category 5 (35.7%). One stream segment (Hanks Creek) was designated as Category 4a.

[3] Source: EPA's Watershed Assessment, Tracking and Environmental Results website.

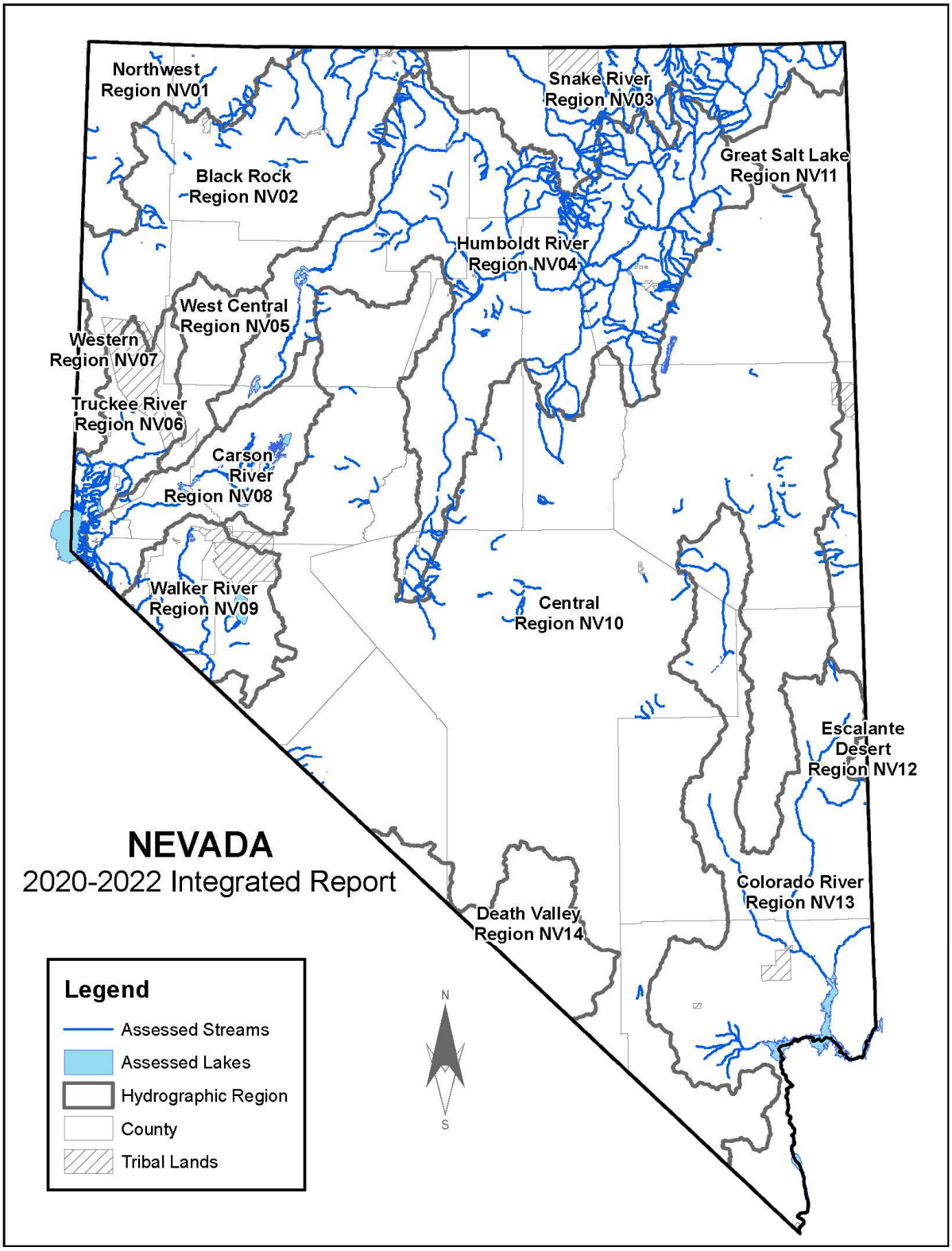


Figure 5. Waters Assessed for the Nevada 2020-2022 Water Quality Integrated Report

Table 6. Summary of Assessment Results – Streams

Assessed Category	Number of Stream Assessment Units		Length of Assessed Stream Segments	
	Number of Stream Segments Assessed	% of 619 Stream Segments Assessed	Category of Assessed Miles	% of Total 6,678 Assessed Miles
1	124	20.0%	1,215.6	18.0%
2	71	11.5%	612.0	9.0%
3	202	32.6%	1,673.4	24.7%
4a	1	0.2%	15.9	0.2%
5	221	35.7%	3,250.7	48.0%
TOTALS =	**619**	**100.0%**	**6,767.6**	**100.0%**

5.2 Lakes and Reservoirs

Nevada contains approximately 1,070 lakes and reservoirs with approximately 553,239 acres of surface area, as calculated by EPA[4]. For the *2020-2022 Water Quality Integrated Report*, 67 of these lakes and reservoirs were evaluated. However, these 67 lakes and reservoirs covered 383,486 acres, which represents nearly 70% of the total surface area of lakes and reservoirs in the state. Of the 67 lakes and reservoirs evaluated, less than one-quarter of the lakes were assessed as Category 1 or 2 (meeting standards). About one-third of the lakes evaluated lacked the data needed to assess any beneficial uses and were placed in Category 3. More than half (N=35) of the total number of lakes (N=67) were placed into Category 5, but this is misleading in terms of acreage of lakes and reservoirs impaired for their beneficial uses.

Just five lakes (Lahontan Reservoir, Lake Mohave, Rye Patch Reservoir, Walker Lake, and Washoe Lakes) make up more than a quarter of the 108,196 impaired acres identified under Category 5. Many of the impaired lakes have small acreage, so the total size of impaired lakes and reservoirs is only about 28% of the acreage, despite accounting for more than half of the total number of lakes and reservoirs assessed. Nearly 40% of the assessed acreage of lakes and reservoirs are meeting water quality standards for some or all beneficial uses (Categories 1 and 2). Of the 383,486 acres of lakes and reservoirs evaluated, approximately 177,000 acres are associated with four large waterbodies: Lake Mead, Lake Tahoe, Walker Lake, and Lake Mohave. Lake Tahoe accounts for the nearly 123,000 acres under Category 4a, meaning that TMDLs are in place for Lake Tahoe. **Table 7** summarizes the detailed results for lakes and reservoirs by category.

About half of the impaired lakes and reservoirs are impaired for mercury in fish (N=15 of 35). A number of lakes and reservoirs are impaired for turbidity, temperature, or TDS (N=15), and some are impaired for DO (N=12) or metals other than mercury (N=19). Nutrients (total nitrogen and total phosphorus (N=16) show up as impairments for lakes and reservoirs.

[4] Source: EPA's Watershed Assessment, Tracking and Environmental Results website.

Table 7. Summary of Assessment Results – Lakes and Reservoirs

Assessed Category	Number of Assessed Lakes/Reservoirs		Area of Assessed Lakes/Reservoirs	
	Number of Lakes/Reservoirs Assessed	% of 67 Lakes/Reservoirs Assessed	Category of Assessed Acres	% of Total Assessed Acres (383,486 acres)
1	12	17.9%	149,307	38.9%
2	4	6.0%	987	0.3%
3	15	22.4%	2,094	0.5%
4a	1	1.5%	122,902	32.0%
5	35	52.2%	108,196	28.2%
TOTALS =	**67**	100.0%	**383,486**	**100.0%**

5.3 Wetlands

According to EPA[5], Nevada contains approximately 137,000 acres of freshwater wetlands. For the *Nevada 2020-2022 Water Quality Integrated Report*, slightly more than 41% of this acreage was assessed. Category 5 was the most common classification for wetlands, with 8 of 13 wetlands — or just over 47,300 (>80%) of the 56,607 acres assessed — found to be impaired. Nearly 40% of the wetlands, constituting about 16% of the acreage, lacked the data needed to assess one or more of the beneficial uses and were placed in Category 3. **Table 8** summarizes the results for wetlands by category.

Mercury in fish was the most common impairment for wetlands, with seven of the 13 wetlands impaired for mercury in fish tissue, and in some cases, mercury in sediment as well. Other impairments to beneficial uses of wetlands include metals, pH, nutrients, TDS, temperature, boron, and DO.

Table 8. Summary of Assessment Results – Wetlands

Assessed Category	Number of Assessed Wetlands		Area of Assessed Wetlands	
	Number of Wetlands Assessed	% of 13 Wetlands Assessed	Category of Assessed Acres	% of Total Assessed Acres (56,607)
1	0	0.0%	0	0.0%
2	0	0.0%	0	0.0%
3	5	38.5%	9,284	16.4%
4a	0	0.0%	0	0.0%
5	8	61.5%	47,324	83.6%
TOTALS =	**13**	100.0%	**56,607**	100.0%

[5] Source: EPA's Watershed Assessment, Tracking and Environmental Results website.

5.4 Beneficial-Use Summary: Uses Not Supported (by Waterbody Type)

Another way to examine the assessment results is by evaluating the status of each type of beneficial use and determining the percentage of waterbodies that support those uses. Fish consumption is a beneficial use under Nevada's narrative standards, NAC 445A.121. Waterbodies (streams, lakes, and wetlands) were included in Category 5 of the *Nevada 2020-2022 Water Quality Integrated Report* if a fish-consumption advisory for mercury in fish tissue was in effect during the listing period.

In January 2006, NDPBH issued fish-consumption advisories for the Carson River from Dayton to Lahontan Dam, along with all waters in the Lahontan Valley, Big and Little Washoe Lakes, Rye Patch Reservoir, Chimney Reservoir, and Comins Lake. These waterbodies have been included as Category 5 waters since being placed on the 303(d) list because of mercury in fish.

Other waterbodies overlisted by EPA for mercury in fish tissue (see Section 4.6 of this report) have been carried forward in the 2020-2022 assessment. These waterbodies include some stream segments, lakes and reservoirs, and wetlands. Fish consumption is not a beneficial use cited in NAC 445A.120, although it is protected through the narrative standards, NAC 445A.121:

> (4) *"Waters must be free from high temperature, biocides, organisms pathogenic to human beings, toxic, corrosive or other deleterious substances attributable to domestic or industrial waste or other controllable sources at levels or combinations sufficient to be toxic to human, animal, plant or aquatic life or in amounts sufficient to interfere with any beneficial use of the water…"*

For those waters with fish-consumption advisories and those waters overlisted by EPA, NDEP assigned fish consumption as a non-supported use only to these waters. Consequently, 100% of those waterbodies are not supported for the beneficial use of fish consumption.

5.4.1 Streams

The beneficial uses of aquatic life and fish consumption were most frequently impaired beneficial uses. Approximately 40% of the 6,535 miles assessed for aquatic life were impaired for aquatic life use. The beneficial use of fish consumption was typically impaired due to mercury in fish tissue, with 611 miles of streams were impaired for this use (**Table 9**).

Table 9. Summary of Beneficial Use Status for Streams

Beneficial Use	Total Miles with BU	Fully Supporting, Miles	Insufficient Information, Miles	Not Assessed, Miles	Not Supporting, Miles
Aquatic Life	6,535	2,178	734	795	2,828
Fish Consumption	611	na	na	na	611
Industrial Supply	5,390	3,887	658	845	na
Irrigation	6,523	3,606	1,013	1,138	767
Municipal or Domestic Supply	6,136	2,545	881	1,128	1,583
Propagation of Wildlife	6,535	4,449	945	1,140	na
Recreation Involving Contact with Water	6,312	2,398	886	1,269	1,758
Recreation Not Involving Contact with Water	6,535	4,075	1,054	1,394	11
Watering of Livestock	6,535	4,207	1,036	1,224	67
Waters of Extraordinary Ecological or Aesthetic Value	0	na	na	na	na
Enhancement of Water Quality	87	24	na	62	na
Freshwater Marsh	96	na	na	96	na

Note: Some waterbodies may be impaired for more than one beneficial use (BU).

5.6.2 Lakes and Reservoirs

The majority of the total acreage for assessed lakes and reservoirs was fully supporting for all the beneficial uses that applied to a particular lake or reservoir. Just over a quarter (~28%) of the 383,486 acres assessed for aquatic life were impaired for this beneficial use (**Table 10**).

Table 10. Summary of Beneficial Use Status for Lakes and Reservoirs.

Beneficial Use	Total Acres w/ BU	Fully Supporting, Acres	Insufficient Information, Acres	Not Assessed, Acres	Not Supporting, Acres
Aquatic Life	383,486	274,959	1,470	666	106,391
Fish Consumption	43,654	na	na	na	43,654
Industrial Supply	346,320	344,737	1,242	341	na
Irrigation	347,965	284,693	2,601	27,666	33,004
Municipal or Domestic Supply	347,229	292,185	2,285	27,292	25,467
Propagation of Wildlife	383,486	353,313	2,371	27,802	na
Recreation Involving Contact with Water	383,294	356,868	2,561	748	23,117
Recreation Not Involving Contact with Water	383,486	353,218	2,602	27,666	na
Watering of Livestock	347,645	315,521	2,601	27,346	2,177
Waters of Extraordinary Ecological or Aesthetic Value	122,902	na	na	na	122,902
Enhancement of Water Quality	435	349	na	86.5	na
Freshwater Marsh	0	na	na	0	na

Note: Some waterbodies may be impaired for more than one beneficial use (BU).

5.6.3 Wetlands

There were insufficient data to assess some of the beneficial uses for wetlands. Overall, wetlands are the most impaired waterbody type. The beneficial uses most frequently impaired were fish consumption (83.3%) aquatic life (81.7%), and irrigation (46.2%) (**Table 11**).

Table 11. Summary of Beneficial-Use Status for Wetlands

Beneficial Use	Total Acres w/ BU	Fully Supporting, Acres	Insufficient Information, Acres	Not Assessed, Acres	Not Supporting, Acres
Aquatic Life	55,515	0	93	9,191	46,231
Fish Consumption	47,167				47,167
Industrial Supply	55,515	16,841	26,089	12,585	
Irrigation	55,515	17,496	93	11,774	26,152
Municipal or Domestic Supply	45,056	15,584	26,089	3,227	157
Propagation of Wildlife	55,515	17,496	26,089	11,930	
Recreation Involving Contact with Water	45,056	15,740	26,089	3,227	0
Recreation Not Involving Contact with Water	55,515	17,653	26,089	11,774	0
Watering of Livestock	55,515	17,496	26,089	11,774	157
Waters of Extraordinary Ecological or Aesthetic Value	0	0	0	0	0
Enhancement of Water Quality	0	0	0	0	0
Freshwater Marsh	0	0	0	0	0

Note: Some waterbodies may be impaired for more than one beneficial use (BU).

5.7 Category 5 Waters - 303(d) List

Of the nearly 700 waterbody segments assessed for the *Nevada 2020-2022 Water Quality Integrated Report*, 264 waterbodies or waterbody segments (i.e., assessment units) were determined to be Category 5, also known as the 303(d) List (see Attachment 3). A summary of waterbody type and the impairment causes for waters included on the 303(d) List is provided in **Tables 12 and 13**.

Table 12. Summary of Category 5 Waters

Waterbody Type	Total Length/Area Evaluated	Total Length/Area on 303(d) List	%Total Length/Area on 303(d) List
Streams (miles)	6,768	3,251	48.0%
Lakes and Reservoirs (acres)	383,486	108,196	28.2%
Wetlands (acres)	56,607	47,324	83.6%

Table 13. Causes of Impairment (Category 5 - 303(d) List)

Impairment Cause	Streams (miles)	Lakes/Reservoirs (acres)	Wetlands (acres)
Nutrients			
Ammonia, Unionized	8.4		
Nitrate	7.1	--------	--------
Nitrogen, Total	--------	1,684	--------
Phosphorus, Total	1,097	62,572	157
Phosphorus, Ortho	4.1	--------	--------
Inorganic and Organic Toxic Materials			
Arsenic	33.0	51,724	26,152
Barium	--------	72.7	--------
Beryllium	1,422	3,082	--------
Boron	142	16,001	26,152
Cadmium	148	2,957	--------
Copper	30.7	--------	--------
Fluoride	492	18,178	--------
Iron	1,055	22,714	1,913
Lead	27.0	--------	--------
Manganese	156	14,827	--------
Mercury in Fish Tissue	611	43,654	47,167
Mercury in Sediment	103	14,631	31,146
Mercury in Water Column	12.5	--------	--------
Nickel	32.1	--------	--------
Selenium	115	51,522	--------
Silver	145	26.4	--------
Zinc	32.3	2,851	--------
Pathogens			
Escherichia coli	415	--------	--------
Fecal coliform	34.7	--------	--------
Other			
Alkalinity	4.7	--------	--------
Chloride	22.8	16,024	--------
Color	--------	--------	--------
Sulfate	51.0	16,001	--------
Dissolved Oxygen	22.1	17,794	156.6
pH	76.3	488	812
SAR	--------	16,001	--------
Temperature	1,130	31,574	14928
Total Dissolved Solids	204	22,385	157
Total Suspended Solids	386	--------	--------
Turbidity	754	2,866	--------

Note: Some waterbodies may be impaired by acute and chronic criteria for a toxic parameter, or for the same parameter for different beneficial uses; these are not double-counted in the area or length totals. Total and dissolved metals are not distinguished in this table.

5.8 Delisted Parameter/Beneficial-Use Pairings and Delisted Waterbodies

Category 5 of the *Nevada 2020-2022 Water Quality Integrated Report* represents the Section 303(d) List of impaired waters. Following NDEP's assessment methodology found 110 delistings of parameter/beneficial-use pairings; however, contrary to NDEP's methodology described in Appendix A, EPA requested that six of these delistings be retained as impairments, dropping the total number of delistings to 104. For a parameter/beneficial-use pairing or waterbody to be removed from the 303(d) List according to NDEP's assessment methodology used since 2008, certain criteria must be met. Generally, a delisting may occur for the following reasons:

A. The waterbody meets the water quality standard in the current assessment cycle.

B. A water quality standard has been changed, and the waterbody meets the new water quality standard during the current assessment cycle.

C. Flaws were found in the original 303(d) listing.

D. Waterbody segmentation was changed resulting in changed status.

E. An EPA-approved TMDL has been developed for the waterbody segment/parameter combination since the previous 303(d) List.

F. The waterbody has a jurisdictional determination by the Army Corps of Engineers as not being a water of the U.S. since the previous 303(d) List.

In the 2020-2022 assessment, of the 104 delistings, 100 impairments were removed because data showed that the standards were now met based on new data (Reason A). An additional 4 impairments were delisted because of updates to water quality standards (Reason B). There were no impairments delisted for any of the other reasons. See Attachment 4 for a summary of delisted parameter/beneficial-use pairings, organized by waterbody code.

If a waterbody had been placed on a previous 303(d) list and there were no or insufficient data for the current cycle to show that the beneficial uses are now supporting, the parameter or waterbody was not delisted and remains in Category 5 on the 2020-2022 303(d) List. That is, impairments were "carried forward" if there were no data or insufficient data to assess in the current cycle. Some waters have been placed on previous 303(d) lists for DO or temperature, based upon detailed continuous sonde data. These waters can only be delisted based on continuous sonde data for new data. Grab samples do not account for the daily fluctuations in DO and temperature, and should not be used as the basis for delisting of these waters.

There may be multiple water quality standards that are exceeded for a given waterbody. If the analysis shows that one of the standards is now met, it may change the attainment determination for a specific parameter/beneficial-use combination, but the waterbody remains on the 303(d) List if other water quality standards are exceeded. For example, a parameter/

beneficial-use combination (e.g., arsenic for aquatic life) may be delisted if the criterion for that use was now being supported, but the water may remain non-supported (Category 5) because of another parameter/beneficial-use combination (e.g., boron criteria exceeded for irrigation). The assessments conducted for the *Nevada 2020-2022 Water Quality Integrated Report* resulted in some waterbody-segment and parameter pairings being delisted. In total, the 104 delistings allowed 11 waterbodies to be removed from the 303(d) List (**Table 14**).

Table 14. Waterbodies or Waterbody Segments (Assessment Units) Removed from the 303(d) List in the 2020-2022 Assessment Cycle.

Assessment Unit	NAC	Size	Units	Waterbody Name / Segment Description
NV01-NW-08_00	1268	6.67	Miles	Cove Creek — From its origin to its confluence with Craine Creek
NV04-HR-25-A_02	1488	15.1	Miles	Little Jack Creek - Maggie Creek Tributaries — From its origin to Jack Creek
NV04-HR-25-A_03	1488	22.0	Miles	Coyote Creek - Maggie Creek Tributaries — From its origin to Maggie Creek
NV04-HR-29-A_00	1514	2.48	Acres	Tonkin Reservoir — The entire reservoir
NV08-CR-18-B_00	1838	3.43	Miles	Clear Creek at the Carson River — From gaging station # 103105
NV09-WR-03_00	1892	16.9	Miles	Walker River, West Fork near Wellington — From Nevada-California state line to Wellington
NV09-WR-06_00	1898	0.02	Miles	Walker River, East Fork at the state line — At the Nevada-California state line
NV09-WR-12_00	1916	17.1	Miles	Desert Creek — From the Nevada-California state line to the West Fork Walker River
NV10-CE-42-B_00	2058	17.9	Acres	Cave Lake — The entire reservoir
NV13-CL-01_00	2146	14.9	Miles	Colorado River below Davis Dam — From Davis Dam to the Nevada-California state line
NV13-CL-02_00	2148	12.0	Miles	Colorado River below Hoover Dam — From Hoover Dam to Willow Beach

5.9 Total Maximum Daily Loads (TMDLs)

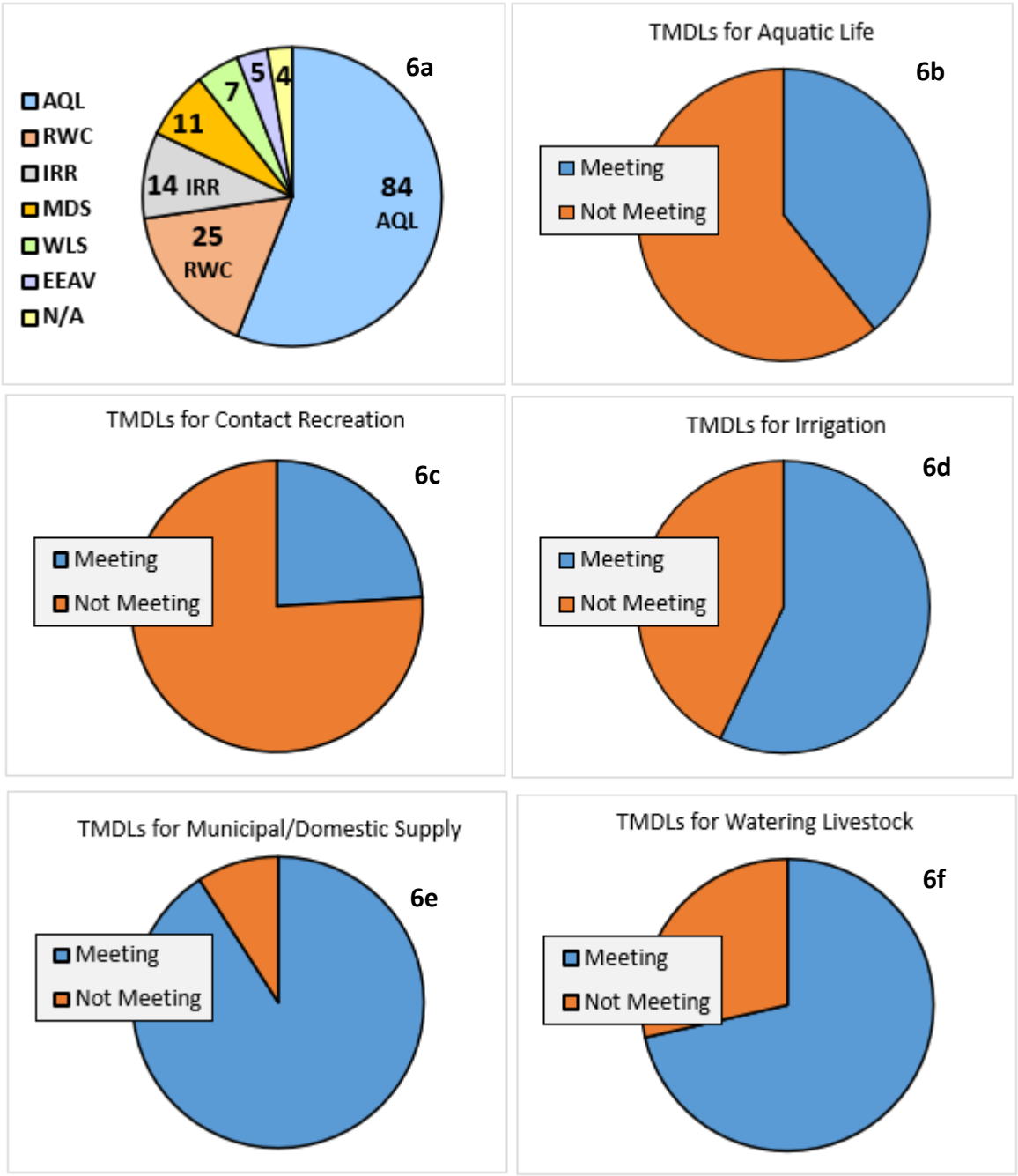
To address an impaired water, a plan for restoration is needed. A TMDL represents a plan to determine the allowable loading from all pollutant sources (point source, nonpoint source, and natural background), establish waste loads and loads at a level necessary to achieve compliance with applicable water quality standards. Since 1989, a number of TMDLs have been developed by NDEP and approved by EPA; these equate to 148 waterbody/parameter/beneficial-use combinations. These TMDLs are intended to address some of the water quality impairments in specific waterbodies. As of the 2020-2022 assessment period, there were 34 waterbodies or waterbody segments (i.e., assessment units) associated with these TMDLs.

An EPA-approved TMDL moves the waterbody/parameter/beneficial-use impairment from Category 5 to Category 4a for that TMDL parameter, but this does not necessarily mean that the waterbody now meets water quality standards for that waterbody/parameter combination. In fact, during the 2020-2022 assessment period, about half of the TMDLs for waterbody/ parameter combinations were not meeting water quality standards. This is not unexpected, because nonpoint sources of pollution are the most common cause of impairments, and nonpoint source or watershed issues are difficult to address with traditional TMDLs, which are implemented during the process of permitting point-source discharges. Impairments due to nonpoint sources of pollution are better addressed through TMDL alternative plans (5-Alt plans), which focus on managing water quality using a watershed approach and voluntary restoration projects. The Clean Water Act exempts from the Section 404 program discharges associated with normal farming, ranching, and forestry activities such as plowing, cultivating, minor drainage, and harvesting for the production of food, fiber, and forest products, or upland soil and water conservation practices (Section 404(f)(1)(A)).

Criteria for protecting aquatic life are generally the most stringent, and about 57% of all TMDLs are established to achieve water quality conditions to protect aquatic life. Achieving such stringent aquatic life criteria is difficult, particularly when impairments are the result of nonpoint sources or physical modifications to the waterway. Consequently, only about 40% of such TMDLs to protect aquatic life are meeting goals in the 2020-2022 assessment cycle. Greater success has been achieved for TMDLs protecting municipal or domestic drinking water supplies and for watering livestock, where 91% and 71% of waterbodies meet the TMDLs for these uses. Likewise, close to 60% of the TMDLs are meeting for protection of water quality for use in crop irrigation (**Figures 6a-6f**).

All TMDLs and a history of attainment are provided in Attachment 5 of this report. Attachment 5 lists the TMDLs that have been approved by EPA for waterbodies according to parameter/beneficial-use pairings. In Attachment 5, the right-hand columns indicate if the parameter measurements were meeting the water quality standard during the 2020-2022 assessment and for each of the last four assessment periods.

Figures 6a-6f. Breakdown of TMDLs by Beneficial Use Protected.



Beneficial Uses with TMDLs: AQL = aquatic life, RWC = recreation involving contact with water, IRR = irrigation, MDS = municipal or domestic supply, WLS = watering of livestock, EEAV = extraordinary ecological or aesthetic value, N/A = TMDLs without standards on waterbody (i.e., TMDLs set to protect downstream water).

This page intentionally blank

6.0 Natural Background Conditions

In all waters, major ions and trace metals are derived from natural sources. In addition, some waters have significant anthropogenic contributions of these constituents. Discerning the difference between natural and anthropogenic sources is critical for properly identifying water quality impairments. Pursuant to NAC 445A.120(2) and NAC 445A.121(8), in cases where a water quality standard is exceeded solely due to naturally occurring conditions, the exceedance should not be considered a violation of the water quality standard.

> **NAC 445A.120(2).** *The quality of any waters receiving waste discharges must be such that no impairment of the beneficial usage of water occurs as the result of the discharge. Natural water conditions may, on occasion, be outside the limits established by standards. The standards adopted in NAC 445A.070 to 445A.2234, inclusive, relate to the condition of waters as affected by discharges relating to human activities*.
>
> **NAC 445A.121(8)**. *The specified standards are not considered violated when the natural conditions of the receiving water are outside the established limits, including periods of extreme high or low flow...*

6.1 Censoring Levels and Natural Background

Trace metals and other constituents can be naturally present at low concentrations; many such concentrations are less than typical quantitation limits for standard methods used to analyze water samples. According to NAC 445A.1236(1)(c), if the water quality standard "…*is less than the* ***detection limit of a method*** *that is acceptable to the Division, laboratory results which show that the substance was not detected* [below detection limit] *will be deemed to show compliance with the standard unless other information indicates that the substance may be present*." This seeming requirement to censor data[6] at the method detection limit (MDL) may have been set in order to measure the typically low levels of trace metals and other toxic parameters.

Nevada's requirement to censor data at the MDL applies specifically to parameters listed in the "toxics table" (i.e., NAC 445A.1236), although BWQP's current laboratory (Silver State Analytical Laboratory) provides values of both the MDL and the practical quantitation limit (PQL), for all parameters that have an MDL. Absent an MDL, the laboratory reports data censored at the PQL. More information about the PQL and MDL, natural background, and how censoring level affects the assessment results, is provided in the following sections.

[6] To "censor" data means establishing a concentration, below which concentrations are deemed "not detected" (i.e., data below the censoring level are nondetects, which are automatically assumed to meet standards).

6.1.1 Trace Metals and Hardness

Trace metals for which criteria values are calculated using hardness-based equations, include cadmium, chromium, copper, lead, nickel, silver, and zinc (see NAC 445A.1236). Low levels of these metals (i.e., tenths of µg/L) may be expected to occur naturally in many surface waters (Hem 1992). The difficulty that arises is that criteria values calculated for these metals can easily be within the range of natural background, especially for "soft" waters (i.e., hardness <60 milligrams per liter [mg/L]). In evaluating the results of the 2020-2022 assessment, NDEP found that the low criteria values calculated for these metals in soft waters indicated impairments for background concentrations. In particular, low concentrations of dissolved cadmium and silver appear as significant impairments (see Table ES-1) when they actually reflect background conditions in most cases. The implications of including or excluding "impairments" recognized to represent natural background are discussed below in Section 6.1.3.

6.1.2 Censoring Analytical Data: MDLs and PQLs

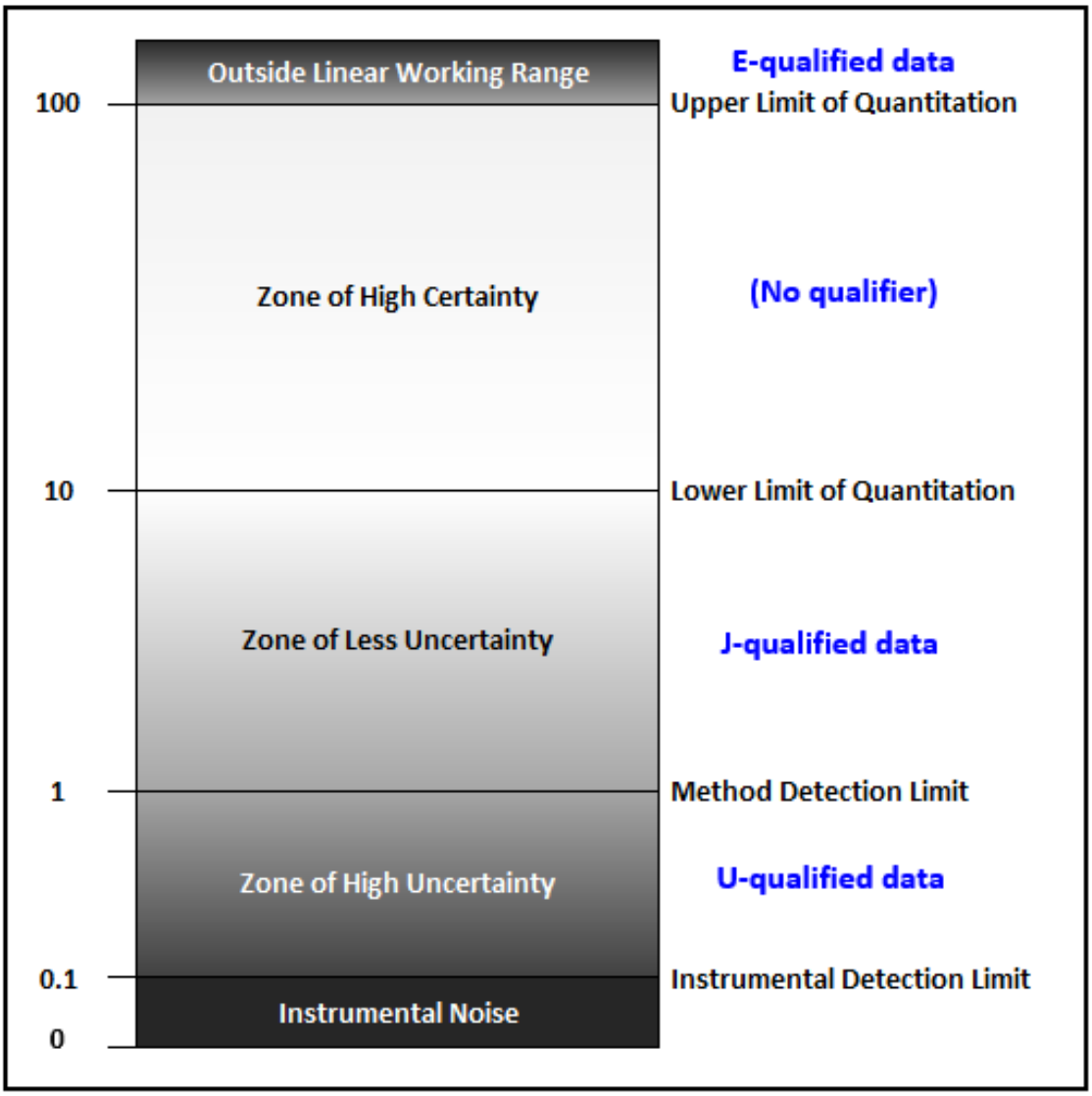
For development of the *Nevada 2020-2022 Water Quality Integrated Report*, samples with pollutant concentrations reported "as less than the detection limit of a method" (i.e., less than the MDL in most cases) were assumed to comply with the water quality standards. For those water quality criteria requiring calculations, such as annual average or geometric mean, samples with values reported as "below detection limit" were included in the calculation at a value of one-half of the MDL or PQL, depending on the data. Results qualified as "estimated" (i.e., J-qualified results between the MDL and the PQL) were used "as is" in the calculations.

Previous biennial assessments used data largely censored at the PQL; the current assessment uses data largely censored at the MDL. Because most data were censored at the PQL instead of the MDL, high-value nondetects are contained in the database. A high-value nondetect occurs when a result is censored at a value higher than that of some detected concentrations. Further complicating the censoring of data is the existence of multiple types of quantitation limits (QLs), including the minimum level (ML); see https://www.epa.gov/sites/default/files/2016-11/documents/mdlmql-toolbox-_final_nov2016_0.pdf for more information.

The method detection limit (MDL) is defined as "*…the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results*" (EPA 2016). The USGS (1999) provides more definition, noting that the "*USEPA-MDL is statistically defined as the smallest concentration that can be measured and reported with 99% confidence that the analyte concentration is greater than zero*." The practical quantitation limit (PQL) is defined as "*the lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions*"(USGS 1999).

PQLs are generally significantly greater than (3 to 10 times) the MDLs. In the case of a data set with multiple values of censoring limits, professional judgment is typically applied in handling high-value nondetects. There are also older data with "0" reported as the "detection limit." Again, professional judgment is used to handle the data when "zero" values are given as the detection limit. Over time, these older data will "age out" of the assessments, but censoring levels should always be kept in mind whenever evaluating laboratory data. **Figure 7** shows the general relationship between detection limits and quantitation limits.

Figure 7. General Relationship between Detection Limits and Quantitation Limits



6.1.3 Censoring Level Affects Assessment Outcome

Any result less than the censoring level is assumed to be "meeting water quality standards," regardless of the censoring level used. Previous assessments that used the PQL as the censoring level led to far fewer "impairments," because many of the results were nondetects when using the PQL to determine what is "detected." However, results that are censored at the PQL confer little information about the trace element chemistry of the waterbody. Censoring at the MDL provides more information, but requires an additional step to exclude natural background to exclude "impairments" that actually reflect natural background. The effect of censoring at the MDL instead of the PQL, is clearly seen in **Table 15**, which shows a much higher number of detections (#Detects) when the MDL is used as the censoring level.

Table 15. Detections for Beryllium and Seven Trace Metals: Example of the Effect of Censoring Level on Data Set Used in the 2020-2022 Assessment Cycle

Trace Metal	MDL (µg/L)	PQL (µg/L)	#Detects (MDL) when Censoring	#Detects (PQL) when Censoring
Beryllium - total	0.08	2	632	3
Cadmium - diss	0.19	2	172	23
Chromium - diss	0.08	2	184	1
Copper - diss	0.16	2	234	58
Lead - diss	0.20	2	106	1
Nickel - diss	0.12	2	196	7
Silver - diss	0.06	2	126	3
Zinc - diss	2	20	205	43
	Total number of results as detections =		**1855**	**139**

Note: The most-restrictive beneficial use standard for beryllium (total) applies to municipal or domestic supply (MDS); whereas the most-restrictive beneficial use standards for Cd, Cr, Cu, Pb, Ni, Ag, and Zn (dissolved) are for aquatic life (AQL).
MDL = method detection limit (this value varies by laboratory and year; current values shown for Silver State Analytical Laboratory shown for this comparison demonstration).
PQL = practical quantitation limit, which is typically 3 to 10 times greater than the MDL.

All impairments identified using the methodology described in Appendix A were carried forward, regardless of whether they may represent natural background. For demonstration purposes only, an evaluation for natural background is presented in Section 6.2. The effect of such an evaluation is presented in **Table 16**, which quantifies the effect of applying an evaluation for natural background. Although not applied for the 2020-2022 assessment, an evaluation step for natural background may be added to Nevada's assessment methodology in future biennial assessments of water quality.

6.2 Demonstration Evaluation for Natural Background

NDEP has not previously reviewed impairments to determine if the "impairment" was actually natural background. However, discerning the difference between natural and anthropogenic sources is critical for properly identifying water quality impairments. As a demonstration for doing so, BWQP applied a performance-based approach to identify impairments due to natural background concentrations. The results of this demonstration show how assessment results would be affected by excluding instances found to represent natural background conditions. Beryllium is also likely present at background levels, but will be addressed by updating the current standard of 0 µg/L for municipal or domestic supply use. The update to the current drinking water standard of 4 µg/L will eliminate all 73 "impairments" for beryllium.

A revised table of impairments by parameter would show 118 fewer impairments, and that cadmium, silver, and lead each contribute 1% or less to the total number of impairments. Zinc would contribute 1.9%, and the total number of impairments would be 679 instead of 797. This background evaluation would obviously change the statistics that were presented in Table ES-1.

Wild horses above South Fork Quinn River, Black Rock Region

Table 16. Comparison of Assessment Results for Selected Trace Metals with and without an Evaluation of Natural Background Conditions

Number of Impairments for Selected Metals, Following an Evaluation of Natural Background Conditions

Analyte	Impairments by Parameter	% of Total Impairments	No. Impairments by Beneficial Use following Background Evaluation								
			AQL	FC	IRR	MDS	OO	RNC	RWC	WLS	W&O
Beryllium	**0**	0.0%				**0**					
Cadmium, dissolved	**7**	1.0%	**7**								
Silver, dissolved	**1**	0.1%	**1**								
Zinc, dissolved	**13**	1.9%	**13**								
Lead, dissolved	**1**	0.1%	**1**								
Total no. impairments =	22	3.2%	22	0	0	0	0	0	0	0	0

Number of Impairments for Selected Metals with No Evaluation of Natural Background Conditions

Analyte	Impairments by Parameter	% of Total Impairments	No. Impairments by Beneficial Use without Background Evaluation								
			AQL	FC	IRR	MDS	OO	RNC	RWC	WLS	W&O
Beryllium	**73**	10.8%				**73**					
Cadmium, dissolved	**33**	4.9%	**33**								
Silver, dissolved	**17**	2.5%	**17**								
Zinc, dissolved	**13**	1.9%	**13**								
Lead, dissolved	**2**	0.3%	**2**								
Total no. impairments =	138	20.4%	65	0	0	73	0	0	0	0	0

Applying the screening methodology for evaluating natural background concentrations would remove 118 impairments from the 303(d) list. This demonstration shows how applying a performance-based approach can be used to better discern between naturally occurring and anthropogenic contributions when identifying water quality impairments. This evaluation would help NDEP focus resources on impairments that may be able to be remedied.

6.3 Sharing Data and Assessment Results with EPA

To fulfill requirements set by the CWA, BWQP shares assessment result data and TMDL information with EPA. ATTAINS is EPA's online system for states, territories, and authorized tribes to upload assessment results and TMDL information. ATTAINS allows information about the condition of the Nation's surface waters to be stored in one place and made readily accessible to the public. More information on ATTAINS can be found on EPA's website. (See: https://www.epa.gov/waterdata/attains .) EPA provides a guide that describes the Integrated Report format of the ATTAINS web reports.

BWQP also shares chemical data with EPA. This is done through direct uploads from BWQP's data warehouse to EPA's water quality exchange (WQX). More information on WQX can be found on EPA's website. (See: https://www.epa.gov/waterdata/water-quality-data) Data from outside agencies are also used in BWQP's waterbody assessment; however, because BWQP has no authority over outside agency data, these data are excluded from WQX uploads. (See section 4.2 for more information on data sources used in the *Nevada 2020-2022 Water Quality Integrated Report*)

EPA's ATTAINS replaces the previous system, ADB, the assessment database, and was developed so EPA's water quality data and information systems can more effectively support water quality decision makers and better inform the public. Data for each state can be found online at EPA's portal for "*How's My Waterway*?" at: https://mywaterway.epa.gov/

The *Nevada 2020-2022 Water Quality Integrated Report* is found at: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/303d-305b-water-quality-integrated-report

Previous years of water quality assessments are available on NDEP's webpage at: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/303d-305b-water-quality-integrated-report/ir-archive

The items listed below are described in the order they appear on EPA's website. (See: https://www.epa.gov/waterdata/about-online-attains-integrated-reports).

- Water Quality Assessment Data for the State
- Total Assessed Waters for State
- Rivers and Streams
  - Assessed Waters, Overall Water Quality Attainment for Rivers and Streams
  - Assessed Waters, Designated Use Support for Rivers and Streams
  - Causes of Impairments for Rivers and Streams
  - Probable Sources of Impairments for Rivers and Streams
- Lakes, Reservoirs, and Ponds
  - Assessed Waters, Overall Water Quality Attainment for Lakes, Reservoirs, and Ponds
  - Assessed Waters, Designated Use Support for Lakes, Reservoirs, and Ponds
  - Causes of Impairments for Lakes, Reservoirs, and Ponds
  - Probable Sources of Impairments for Lakes, Reservoirs, and Ponds
- Wetlands
  - Assessed Waters, Overall Water Quality Attainment for Wetlands
  - Assessed Waters, Designated Use Support for Wetlands
  - Causes of Impairments for Wetlands
  - Probable Sources of Impairments for Wetlands
- Causes of Impairment
- Probable Sources Contributing to Impairment
- TMDL Alternatives by Cause of Impairment
- Cumulative Number of TMDLs by Fiscal Year
- Cumulative Number of TMDLs by Pollutant
- Status of Available Data Used in Report
- Waterbody Changes from Prior Cycle
- Waterbody History Report
- Other Reporting Year Data
- Comparison Summary by Reporting Year
- State Websites
- Search for a Waterbody
- Download Excel Compatible Information
- Download GIS Information (Internet Explorer Only)
- Search by Watershed
- Map of State
- Search for a Waterbody
- Summary of 303(d) Listed Waters

Section 7.0 - Public Participation

Members of the public and various organizations participated throughout the development of the *Nevada 2020-2022 Water Quality Integrated Report*. NDEP solicited water quality data and information from other entities to be used in the assessment process. Data retrieved and responses from other entities resulted in an increase in the geographic coverage and the overall amount of data and information assessed.

In addition to receiving comments on the *Nevada 2020-2022 Water Quality Integrated Report*, BWQP seeks public and stakeholder input on water quality standards for the State every three years in a formal process known as the Triennial Review. The Triennial Review is required by Clean Water Act section 303(c) and ensures that BWQP's time, resources, and sampling efforts are applied over the next three years in a way that best serves public interest, while still accomplishing BWQP goals.

The most recent Triennial Review process was completed in December 2018. The 2021 Triennial Review workshop was held on November 16, 2021, and the Triennial Review was finalized in February 2022. More information on Triennial Review can be found at: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/triennial-review

The draft version of the *Nevada 2020-2022 Water Quality Integrated Report* was provided for public review from November 22, 2021 through December 31, 2021. Comments received during the comment period were evaluated and addressed as deemed appropriate. Comments and NDEP responses to comments are posted on the website, along with the *Nevada 2020-2022 Water Quality Integrated Report*. https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/303d-305b-water-quality-integrated-report

This final report included revisions based on public and EPA comments received, and will be sent to EPA Region 9 for approval in March 2022. Comments and responses to comments on the draft *Nevada 2020-2022 Water Quality Integrated Report* are included herein as Appendix B.

Humboldt River

This page intentionally blank

Section 8.0 – References

James, J.W., State Climatologist. 1984. *Climate of Nevada.* Paper No. 84-12. Bureau of Business and Economic Research, University of Nevada Reno.

McAfee, S., Restaino, C., Ormerrod, K., Dettinger, M., McEvoy, D., Kalansky, J., Cayan, D., Lachniet, M., Moser, S., VanderMolen, K., Wall, T. 2021. *Climate Impacts in Nevada*. University of Nevada, Reno. Fact sheet FS-21-06. https://extension.unr.edu/publication.aspx?PubID=3957

Nevada Division of Water Planning. 1999*. Nevada State Water Plan, Summary*. March. 959 pages. http://water.nv.gov/programs/planning/stateplan/documents/NV_State_Water_Plan-complete.pdf (See Nevada Division of Water Resources website: http://water.nv.gov/waterplandetail.aspx)

Nevada Division of Water Resources. 1973. *Water for Nevada*. Carson City, Nevada. 97 pages. http://images.water.nv.gov/images/publications/water%20planning%20reports/water%20for%20nevada%203.pdf

National Drought Mitigation Center, University of Nebraska-Lincoln. 2021. https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?NV

Nevada Division of Environmental Protection (NDEP). 2020a. Nevada's *2016-2018 Water Quality Integrated Report.* August. 141 pages. https://ndep.nv.gov/uploads/water-wqm-docs/IR2018_FinalEPA_Approved.pdf

NDEP. 2020b. *2020-2024 Nonpoint Source State Management Plan*. https://ndep.nv.gov/uploads/water-nonpoint-docs/FINAL_2020-2024_NV_NPS_State_Management_Plan_9.20.pdf

NDEP. 2020c. *Nevada Quality Assurance Program Plan for Surface Water Sampling*. February. https://ndep.nv.gov/uploads/water-wqm-docs/QAPP_FINAL_2020.pdf

National Oceanic and Atmospheric Administration (NOAA). 2021. Drought monitor for Nevada. https://www.drought.gov/states/nevada

NOAA, National Centers for Environmental Information, State of the Climate: National Climate Report for July 2021, published online August 2021, retrieved on August 18, 2021 from https://www.ncdc.noaa.gov/sotc/national/

U.S. Bureau of Reclamation. 2016. Mid-Pacific Region, Newlands Project. February. https://www.usbr.gov/mp/mpr-news/docs/factsheets/newlands-project.pdf

U.S. Environmental Protection Agency (EPA). 2001. *Water Quality Criterion for the Protection of Human Health: Methylmercury*. Final. January. EPA-823-R-01-001. https://www.epa.gov/sites/default/files/2020-01/documents/methylmercury-criterion-2001.pdf

EPA. 2013a. *Reducing Reporting Burden under Clean Water Act Sections 303(d) and 305(b)*. February. https://www.epa.gov/sites/default/files/2015-10/documents/final_retrospective_review_report.pdf

EPA. 2013b. *A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program*. December. https://www.epa.gov/sites/default/files/2015-07/documents/vision_303d_program_dec_2013.pdf

EPA. 2016. *Definition and Procedure for the Determination of the Method Detection Limit, Revision 2*. December. EPA 821-R-16-006. https://www.epa.gov/sites/default/files/2016-12/documents/mdl-procedure_rev2_12-13-2016.pdf

EPA 2021a. *Overview of Greenhouse Gases*. https://www.epa.gov/ghgemissions/overview-greenhouse-gases

EPA Watershed Assessment, Tracking & Environmental Results System (WATERS). 2021b. https://www.epa.gov/waterdata/waters-watershed-assessment-tracking-environmental-results-system

U.S. Geological Survey (USGS). 1999. *New Reporting Procedures Based on Long-Term Method Detection Levels and Some Considerations for Interpretations of Water-Quality Data Provided by the U.S. Geological Survey National Water Quality Laboratory*. USGS Open-File Report 99-193. By Carolyn J. Oblinger Childress, William T. Foreman, Brooke F. Connor, and Thomas J. Maloney. https://water.usgs.gov/owq/OFR_99-193/ofr99_193.pdf

Western Regional Climate Center. 2005. *Average Statewide Precipitation for Western U.S. States*: (Only goes through 2000). https://wrcc.dri.edu/htmlfiles/avgstate.ppt.html

ATTACHMENT 1

List of Waterbodies Included in the 2020-2022 Assessment Cycle

This page intentionally blank

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV01	NV01-NW-01-A_00	1256	5.6	Acres	Lake/Res	5	Boulder Reservoir — The entire reservoir	Continues to be Listed
NV01	NV01-NW-02-A_00	1258	26.4	Acres	Lake/Res	5	Blue Lakes — The entire area	Newly Listed in 2020-2022
NV01	NV01-NW-03-A_00	1262	72.7	Acres	Lake/Res	5	Catnip Reservoir — The entire reservoir	Continues to be Listed
NV01	NV01-NW-04-B_00	1264	71.5	Acres	Lake/Res	5	Wall Canyon Reservoir — The entire reservoir	Continues to be Listed
NV01	NV01-NW-05-B_00	1266	88.7	Acres	Lake/Res	5	Knott Creek Reservoir — The entire reservoir	Continues to be Listed
NV01	NV01-NW-06-B_00	1268	79.1	Acres	Lake/Res	5	Onion Valley Reservoir — The entire reservoir	Newly Listed in 2020-2022
NV01	NV01-NW-07_01	1268	2.2	Miles	Stream	3	Alder Creek at Little Onion Reservoir — From its origin to Little Onion Reservoir	
NV01	NV01-NW-07_02	1268	6.5	Miles	Stream	5	Alder Creek at Little Alder Creek — From Little Onion Reservoir to Little Alder Creek	Newly Listed in 2020-2022
NV01	NV01-NW-08_00	1268	6.7	Miles	Stream	1	Cove Creek — From its origin to its confluence with Craine Creek	Delisted in 2020-2022 cycle
NV01	NV01-NW-09_00	1266	10.6	Miles	Stream	5	Craine Creek — From its origin to its confluence with Cow Creek	Continues to be Listed
NV01	NV01-NW-10_00	1268	5.9	Miles	Stream	3	Little Alder Creek — From its origin to its confluence with Alder Creek	
NV01	NV01-NW-11_00	1268	0.2	Miles	Stream	3	Onion Valley Spring — The entire area	
NV01	NV01-NW-12_00	1262	3.0	Miles	Stream	3	Catnip Creek, South — From its origin to Catnip Reservoir	
NV01	NV01-NW-13_00	1262	1,201.3	Acres	Lake/Res	3	Swan Reservoir — The entire reservoir	
NV01	NV01-NW-14_01	1266	3.6	Miles	Stream	3	Knott Creek — From its origin to Knott Creek Reservoir	
NV01	NV01-NW-14_02	1266	3.5	Miles	Stream	3	Knott Creek — From Knott Creek Reservoir to Knott Creek Ranch	
NV01	NV01-NW-15_00	1262	2.0	Miles	Stream	3	Catnip Creek, North — From its origin to Catnip Reservoir	
NV01	NV01-NW-16_00	1262	4.3	Miles	Stream	3	Catnip Creek — From Catnip Reservoir to IXL Ranch	
NV01	NV01-NW-17_00	N/A	5.1	Miles	Stream	3	Cottonwood Creek, South Fork — From its origin to the Nevada-Oregon state line	
NV01	NV01-NW-18_00	1266	0.4	Miles	Stream	3	Butte Creek — From its origin to its confluence with Cottonwood Creek, South Fork	
NV01	NV01-NW-19_00	N/A	6.8	Miles	Stream	3	Bull Creek — From its origin to the Nevada-California Border	
NV01	NV01-NW-20_01	1264	2.4	Miles	Stream	3	Bordwell Creek — From its origin to Bordwell Spring	
NV01	NV01-NW-20_02	1264	4.0	Miles	Stream	2	Bordwell Creek — From Bordwell Spring to Wall Canyon Creek	
NV01	NV01-NW-21_01	1264	15.8	Miles	Stream	5	Wall Canyon Creek — From its origin to Wall Canyon Reservoir	Continues to be Listed
NV01	NV01-NW-22_00	1268	249.2	Acres	Lake/Res	3	Big Springs Reservoir — The entire reservoir	
NV01	NV01-NW-23_00	1268	36.4	Acres	Lake/Res	3	Little Onion Reservoir — The entire reservoir	
NV01	NV01-NW-24_00	1266	8.7	Miles	Stream	2	Center Creek — From its origin to Cove Creek	
NV01	NV01-NW-25_00	N/A	35.2	Miles	Stream	3	Virgin Creek — Its entire length	
NV01	NV01-NW-26_00	1268	2.5	Miles	Stream	3	Onion Creek — From Onion Reservoir to Alder Creek	
NV01	NV01-NW-27_00	N/A	5.3	Miles	Stream	3	Hays Canyon Creek — From its origin to the Nevada-California state line	
NV02	NV02-BL-01_00	1286	20.6	Miles	Stream	5	Smoke Creek — From the Nevada-California state line to the Smoke Creek Desert	Continues to be Listed
NV02	NV02-BL-02-B_00	1288	45.9	Acres	Lake/Res	5	Squaw Creek Reservoir — The entire reservoir	Continues to be Listed
NV02	NV02-BL-03-A_00	1292	22.7	Miles	Stream	5	Negro Creek — From its origin to the first irrigation diversion near the west line of Sec 28, T36N, R23E, MDBM	Newly Listed in 2020-2022
NV02	NV02-BL-05-A_00	1296	5.8	Miles	Stream	5	Mahogany Creek — From its origin to to the exterior border of the Summit Lake Indian Reservation.	Continues to be Listed
NV02	NV02-BL-06-A_00	1298	8.3	Miles	Stream	3	Leonard Creek — From its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M	
NV02	NV02-BL-07-A_00	1302	13.9	Miles	Stream	5	Bilk Creek, upper — From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	Newly Listed in 2020-2022
NV02	NV02-BL-08-B_00	1304	7.6	Miles	Stream	5	Bilk Creek at Bilk Creek Reservoir — From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir	Continues to be Listed
NV02	NV02-BL-09-B_00	1306	38.0	Acres	Lake/Res	5	Bilk Creek Reservoir — The entire reservoir	Continues to be Listed
NV02	NV02-BL-10-A_00	1308	8.8	Miles	Stream	1	Bottle Creek — From its origin to the first point of diversion near the East line of section 23, T. 40 N., R. 32 E., M.D.B. & M.	
NV02	NV02-BL-11-A_01	1312	21.2	Miles	Stream	5	Quinn River, East Fork — From its origin to the Fort McDermitt Indian Reservation	Continues to be Listed
NV02	NV02-BL-11-A_02	1312	10.9	Miles	Stream	5	Quinn River, South Fork — From its origin to the Fort McDermitt Indian Reservation	Newly Listed in 2020-2022
NV02	NV02-BL-13-D_00	1316	5.4	Miles	Stream	3	Quinn River — From the Nevada-Idaho state line in Sec 31, T48N, R38E, MDBM to its confluence with the main tributary of the Quinn River at the south line of Sec 17, T47N, R38E, MDBM	
NV02	NV02-BL-14_00	1286	26.8	Miles	Stream	5	Buffalo Creek — From its origin to where it crosses the east line of T32N, R19E, MDBM	Newly Listed in 2020-2022
NV02	NV02-BL-15_00	1312	7.2	Miles	Stream	5	Alta Creek — From its origin to State Highway 291	Continues to be Listed
NV02	NV02-BL-16_00	1298	9.2	Miles	Stream	3	Bartlett Creek — From its origin to Clarkfield Ranch	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV02	NV02-BL-17_00	1312	12.7	Miles	Stream	2	Battle Creek — From its origin to Battle Creek Ranch	
NV02	NV02-BL-18_00	1312	3.2	Miles	Stream	3	Cold Springs Creek — From its origin to the Kings River	
NV02	NV02-BL-19_00	1312	16.4	Miles	Stream	5	Crowley Creek — From its origin to Sentinel Rock	Continues to be Listed
NV02	NV02-BL-20_00	1312	4.0	Miles	Stream	5	Falls Canyon Creek — From its origin to the National Forest Boundary	Newly Listed in 2020-2022
NV02	NV02-BL-21_00	1312	4.8	Miles	Stream	2	Horse Canyon Creek — From its origin to the National Forest Boundary	
NV02	NV02-BL-22_00	1312	40.6	Miles	Stream	5	Kings River — From its origin to the Quinn River	Newly Listed in 2020-2022
NV02	NV02-BL-23_00	1312	11.5	Miles	Stream	5	McDermitt Creek — From the Nevada-Oregon state line to its confluence with The Slough	Newly Listed in 2020-2022
NV02	NV02-BL-24_00	1312	17.2	Miles	Stream	3	Riser Creek — From its origin to the Nevada-Oregon state line	
NV02	NV02-BL-25_00	1292	6.1	Miles	Stream	3	Rock Creek — From its origin to Washoe County road Number 34	
NV02	NV02-BL-26_00	1312	6.7	Miles	Stream	5	Soldier Meadows Hot Springs (Creek) — From its origins at the springs to Mud Meadow Reservoir	Continues to be Listed
NV02	NV02-BL-27_00	1312	17.8	Miles	Stream	5	Washburn Creek — From its origin to the Cordero Mine Road	Newly Listed in 2020-2022
NV02	NV02-BL-28_00	1312	1.9	Miles	Stream	3	Charleston Gulch — From its origin to Eightmile Creek	
NV02	NV02-BL-29_00	1312	2.1	Miles	Stream	3	Unnamed Tributary to Quinn River, East Fork — From its origin to the Quinn River	
NV02	NV02-BL-30_00	1312	3.4	Miles	Stream	2	Andorno Creek — From its origin to the mouth of the canyon	
NV02	NV02-BL-31_00	1312	1.8	Miles	Stream	3	Anderson Creek — From its origin to Quinn River, East Fork	
NV02	NV02-BL-32_01	1312	64.2	Miles	Stream	3	Quinn River — From the Ft. McDermitt Indian Reservation to the Ft. McDermitt Indian Reservation at Quinn River Lakes	
NV02	NV02-BL-32_02	1312	21.5	Miles	Stream	1	Quinn River — From the Fort McDermit Indian Reservation at Quinn River Lakes to the Black Rock Desert	
NV02	NV02-BL-33_00	1312	3.7	Miles	Stream	3	McConnell Creek — From its origin to the first point of diversion	
NV02	NV02-BL-34_00	1298	6.5	Miles	Stream	2	Snow Creek — From its origin to Leonard Creek	
NV02	NV02-BL-35_00	1308	4.4	Miles	Stream	3	Trout Creek — From its origin to the north line of Sec 14, T39N, R31E, MDBM	
NV02	NV02-BL-36_00	1312	25.0	Miles	Stream	3	High Rock Canyon — From its origin to High Rock Lake	
NV02	NV02-BL-37_00	1312	8.4	Miles	Stream	5	Jackson Creek — From its origin to the first point of diversion.	Newly Listed in 2020-2022
NV02	NV02-BL-38_00	1312	7.2	Miles	Stream	3	Buffalo Creek — From its origin to US 95	
NV02	NV02-BL-39_00	1312	9.5	Miles	Stream	3	Threemile Creek — From its origin to US 95	
NV02	NV02-BL-40_00	1312	0.2	Miles	Stream	5	Birthday Mine Creek — From its origin to Threemile Creek	Continues to be Listed
NV02	NV02-BL-41_00	1292	19.9	Miles	Stream	3	Red Mountain Creek — From its origin to State Route 34	
NV02	NV02-BL-42_00	1312	7.6	Miles	Stream	3	Donnelly Creek — From its origin to the east line of Sec 9, T. 37 N., R. 25 E., M.D.B. & M.	
NV02	NV02-BL-43_00	1292	10.8	Miles	Stream	3	Little Cottonwood Creek — Its entire length	
NV03	NV03-BR-16_00	1352	53.4	Miles	Stream	5	Bruneau River — From its origin to the Nevada-Idaho state line	Continues to be Listed
NV03	NV03-BR-17-B_00	1386	11.1	Miles	Stream	3	76 Creek — From its origin to the Bruneau River	
NV03	NV03-BR-41_00	1352	7.8	Miles	Stream	3	Merritt Creek — From its origin to Sheep Creek	
NV03	NV03-BR-79_00	1352	13.1	Miles	Stream	3	Meadow Creek — From its origin to the Bruneau River	
NV03	NV03-BR-80_00	1352	2.5	Miles	Stream	3	Walker Creek — From its origin to Merritt Creek	
NV03	NV03-BR-81_00	1352	8.8	Miles	Stream	3	Salmon Creek — From its origin to Sheep Creek	
NV03	NV03-JR-12_00	1344	18.3	Miles	Stream	5	Jarbidge River, East Fork — From its origin to the Nevada-Idaho state line	Continues to be Listed
NV03	NV03-JR-13_00	1346	8.6	Miles	Stream	1	Jarbidge River, above Jarbidge — From its origin to the bridge above the town of Jarbidge	
NV03	NV03-JR-14_00	1348	8.8	Miles	Stream	5	Jarbidge River, below Jarbidge — From the bridge above the town of Jarbidge to the NV-ID state line	Continues to be Listed
NV03	NV03-JR-15-A_00	1384	4.2	Miles	Stream	3	Bear Creek — From its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of Sec 17, T46N, R58E, MDBM	
NV03	NV03-JR-64_00	1422	5.2	Miles	Stream	1	Jack Creek — From its origin to the Jarbidge River	
NV03	NV03-JR-74_00	N/A	3.9	Miles	Stream	3	Deadman Creek — From its origin to Cherry Creek	
NV03	NV03-JR-75_00	N/A	6.3	Miles	Stream	3	Caudle Creek — From its origin to Flat Creek	
NV03	NV03-JR-76_00	1344	5.7	Miles	Stream	2	Slide Creek — From its origin to the Jarbidge River, East Fork	
NV03	NV03-JR-77_00	1344	4.4	Miles	Stream	3	Fall Creek — From its origin to the Jarbidge River, East Fork	
NV03	NV03-JR-78_00	1344	10.3	Miles	Stream	2	Dave Creek — From its origin to the Jarbidge River, East Fork	
NV03	NV03-JR-89_00	1348	7.0	Miles	Stream	2	Deer Creek — From its origin to the Jarbidge River	
NV03	NV03-JR-90_00	1344	6.5	Miles	Stream	2	Robinson Creek — From its origin to Jarbidge River, East Fork	
NV03	NV03-JR-91_00	1348	12.1	Miles	Stream	2	Buck Creek — From its origin to the Idaho-Nevada state line	
NV03	NV03-OW-18_00	1354	14.1	Miles	Stream	5	Owyhee River, above Mill Creek — From Wildhorse Reservoir to its confluence with Mill Creek	Continues to be Listed

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV03	NV03-OW-19_01	1356	4.6	Miles	Stream	5	Owyhee River, below Mill Creek — From its confluence with Mill Creek the border of the Duck Valley Indian Reservation	Newly Listed in 2020-2022
NV03	NV03-OW-21-A_00	1388	12.7	Miles	Stream	3	Owyhee River, East Fork above Wild Horse Reservoir — From its origin to Wild Horse Reservoir	
NV03	NV03-OW-22-A_00	1392	16.9	Miles	Stream	3	Deep Creek — From its origin to Wild Horse Reservoir	
NV03	NV03-OW-23-A_00	1394	71.0	Miles	Stream	3	Penrod Creek — From its origin, including its tributaries, to Wild Horse Reservoir	
NV03	NV03-OW-24-A_00	1396	3.9	Miles	Stream	3	Hendricks Creek — From its origin to Wild Horse Reservoir	
NV03	NV03-OW-25-B_00	1398	2,263.0	Acres	Lake/Res	5	Wild Horse Reservoir — The entire reservoir	Continues to be Listed
NV03	NV03-OW-26-A_00	1402	5.0	Miles	Stream	3	Browns Gulch — From its origin to the point of diversion for the Mountain City municipal water supply, near the south line of section 24, T. 46 N., R. 53 E., M.D.B. & M.	
NV03	NV03-OW-27_00	1362	90.7	Miles	Stream	5	Owyhee River, South Fork — From its origin to the Nevada-Idaho state line	Continues to be Listed
NV03	NV03-OW-28-A_00	1404	8.8	Miles	Stream	3	Jack Creek — From its origin to its confluence with Harrington Creek	
NV03	NV03-OW-29-B_00	1406	9.6	Miles	Stream	3	Harrington Creek — From its confluence with Jack Creek to the South Fork of the Owyhee River	
NV03	NV03-OW-30-B_00	1408	105.4	Acres	Lake/Res	3	Bull Run Reservoir — The entire reservoir	
NV03	NV03-OW-31-B_00	1412	829.5	Acres	Lake/Res	1	Wilson Reservoir — The entire reservoir	
NV03	NV03-OW-33_00	1356	4.8	Miles	Stream	5	Mill Creek — From its origin to the West line of section 11, T. 45 N., R. 53 E., M.D.B. & M.	Continues to be Listed
NV03	NV03-OW-34_00	1356	1.8	Miles	Stream	5	Mill Creek — From Rio Tinto Mine to the Owyhee River	Continues to be Listed
NV03	NV03-OW-36_00	1408	4.8	Miles	Stream	1	Bull Run Creek — From where it is formed by Cap Winn and Doby George Creeks to Bull Run Reservoir	
NV03	NV03-OW-40_00	1362	11.7	Miles	Stream	1	McCann Creek — From its origin to Boulder Creek	
NV03	NV03-OW-44_00	1414	12.6	Miles	Stream	5	Taylor Canyon — From its origin to the South Fork Owyhee River	Continues to be Listed
NV03	NV03-OW-46_00	1362	5.0	Miles	Stream	1	Water Pipe Canyon — From its origin to Taylor Canyon Creek	
NV03	NV03-OW-48_00	1362	9.1	Miles	Stream	5	Burns Creek — From its origin to the National Forest Boundary	Continues to be Listed
NV03	NV03-OW-49_00	1362	3.0	Miles	Stream	5	Mill Creek — From its origin to the National Forest Boundary	Continues to be Listed
NV03	NV03-OW-50_00	1362	6.1	Miles	Stream	5	Jerritt Canyon Creek — From its origin to the National Forest Boundary	Continues to be Listed
NV03	NV03-OW-51_01	1362	12.2	Miles	Stream	5	Snow Canyon Creek — From its origin to the National Forest Boundary	Continues to be Listed
NV03	NV03-OW-51_02	1362	1.5	Miles	Stream	5	Snow Canyon Creek, East Fork — From its origin to Snow Canyon Creek	Continues to be Listed
NV03	NV03-OW-52_00	1354	8.6	Miles	Stream	5	Badger Creek — From its origin to the Owyhee River	Continues to be Listed
NV03	NV03-OW-68_00	1354	1.2	Miles	Stream	5	Tomasina Gulch — From its origin to Badger Creek	Continues to be Listed
NV03	NV03-OW-79_00	1362	117.6	Acres	Lake/Res	5	Dry Creek Reservoir — The entire reservoir	Continues to be Listed
NV03	NV03-OW-82_00	1354	2.8	Miles	Stream	5	Dry Creek — From its origin to the Owyhee River	Continues to be Listed
NV03	NV03-OW-83_00	1356	0.4	Miles	Stream	5	Rio Tinto Gulch — From its origin to Mill Creek	Continues to be Listed
NV03	NV03-OW-84_00	1362	32.6	Miles	Stream	1	Deep Creek — From its origin to the South Fork Oywhee River	
NV03	NV03-OW-85_00	1362	2.8	Miles	Stream	5	Starvation Canyon Creek — From its origin to Taylor Canyon Creek	Continues to be Listed
NV03	NV03-OW-86_00	1404	1.8	Miles	Stream	3	Dorsey Creek — From its origin to Jack Creek	
NV03	NV03-OW-87_00	1362	1.5	Miles	Stream	5	Gracie Creek — From its origin to Jerritt Canyon Creek	Continues to be Listed
NV03	NV03-OW-88_00	1362	6.4	Miles	Stream	3	Niagara Creek — From its origin to the south fork of the Owyhee River	
NV03	NV03-OW-92_00	1404	1.8	Miles	Stream	3	Mill Creek — From its origin to Jack Creek	
NV03	NV03-SR-01_00	1336	27.5	Miles	Stream	1	Goose Creek — Within the State of Nevada	
NV03	NV03-SR-02_00	1338	40.0	Miles	Stream	5	Salmon Falls Creek — From the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line	Continues to be Listed
NV03	NV03-SR-03_00	1342	12.3	Miles	Stream	5	Shoshone Creek — From the Nevada-Idaho state line to its confluence with Salmon Falls Creek	Continues to be Listed
NV03	NV03-SR-04-B_00	1364	19.3	Miles	Stream	3	Salmon Falls Creek, North Fork — From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek	
NV03	NV03-SR-05-B_00	1366	14.5	Miles	Stream	5	Salmon Falls Creek, South Fork — From the National Forest Boundary to its confluence with the North Fork Salmon Falls Creek	Continues to be Listed
NV03	NV03-SR-06-A_00	1368	6.4	Miles	Stream	3	Camp Creek at the national forest boundary — From its origin to the national forest boundary	
NV03	NV03-SR-07-B_00	1372	10.4	Miles	Stream	1	Camp Creek at the South Fork of Salmon Falls Creek — From the National Forest Boundary to its confluence with the South Fork Salmon Falls Creek	
NV03	NV03-SR-08-A_00	1374	8.4	Miles	Stream	3	Cottonwood Creek at the national forest boundary — From its origin to the National Forest Boundary	
NV03	NV03-SR-09-B_00	1376	8.9	Miles	Stream	5	Cottonwood Creek at the South Fork of Salmon Falls Creek — From the National Forest Boundary to its confluence with the South Fork Salmon Falls Creek	Continues to be Listed

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV03	NV03-SR-10-A_00	1378	8.2	Miles	Stream	3	Canyon Creek at the national forest boundary — From its origin to the national forest boundary	
NV03	NV03-SR-11-B_00	1382	12.6	Miles	Stream	3	Canyon Creek at Salmon Falls Creek, SF — From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	
NV03	NV03-SR-35_00	1336	12.8	Miles	Stream	5	Little Goose Creek — From its origin to Goose Creek	Continues to be Listed
NV03	NV03-SR-37_00	1342	9.7	Miles	Stream	5	Cedar Creek — From its origin to Shoshone Creek	Continues to be Listed
NV03	NV03-SR-38_00	1418	25.5	Miles	Stream	5	Trout Creek — From its origin to its confluence with Salmon Falls Creek	Continues to be Listed
NV03	NV03-SR-42_00	1342	11.2	Miles	Stream	2	Milligan Creek — From its origin to Hot Creek	
NV03	NV03-SR-43_00	1366	14.9	Miles	Stream	5	Sun Creek — From its origin to the South Fork of Salmon Falls Creek	Continues to be Listed
NV03	NV03-SR-45_00	1416	7.4	Miles	Stream	5	Trout Creek — From the Nevada-Oregon state line to Goose Creek	Continues to be Listed
NV03	NV03-SR-47_00	1418	9.2	Miles	Stream	5	Trout Creek, West Fork — From its origin to its confluence with Trout Creek	Continues to be Listed
NV03	NV03-SR-53_00	1338	15.5	Miles	Stream	5	Jakes Creek — From the confluence of the North and Middle Forks of Jakes Creek to Salmon Falls Creek	Continues to be Listed
NV03	NV03-SR-53_01	1338	13.9	Acres	Lake/Res	5	Jakes Creek Reservoir — The entire reservoir	Continues to be Listed
NV03	NV03-SR-54_00	1338	3.2	Miles	Stream	3	Jakes Creek, North Fork — From its origin to its confluence with the middle fork of Jakes Creek	
NV03	NV03-SR-55_00	1338	7.5	Miles	Stream	5	Jakes Creek, South Fork — From its origin to its confluence with Jakes Creek	Continues to be Listed
NV03	NV03-SR-56_00	1338	4.3	Miles	Stream	3	Jakes Creek, Middle Fork — From its origin to its confluence with the north fork of Jakes Creek	
NV03	NV03-SR-57_00	1376	7.3	Miles	Stream	5	Cottonwood Creek, North Fork — From its origin to its confluence with Cottonwood Creek	Continues to be Listed
NV03	NV03-SR-58_00	1376	6.0	Miles	Stream	3	Cottonwood Creek, Middle Fork — From its origin to its confluence with Cottonwood Creek	
NV03	NV03-SR-59_00	1364	3.5	Miles	Stream	1	Shack Creek — From the Nevada-Idaho state line to its confluence with Bear Creek	
NV03	NV03-SR-60_00	1366	3.8	Miles	Stream	5	Deer Creek — From the confluence of the East and Middle Forks of Deer Creek to the South Fork Salmon Falls	Continues to be Listed
NV03	NV03-SR-61_00	1366	6.1	Miles	Stream	3	Deer Creek, East Fork — From its origin to its confluence with the west fork	
NV03	NV03-SR-62_00	1366	6.0	Miles	Stream	5	Deer Creek, West Fork — From its origin to its confluence with Deer Creek	Continues to be Listed
NV03	NV03-SR-63_00	1366	5.2	Miles	Stream	3	Deer Creek, Middle Fork — From its origin to its confluence with the east fork	
NV03	NV03-SR-65_00	1364	4.2	Miles	Stream	2	Bear Creek — From its origin to North Fork Salmon Falls Creek	
NV03	NV03-SR-66_00	1338	19.4	Miles	Stream	2	Dry Creek — From its origin to Jakes Creek	
NV03	NV03-SR-67_00	1338	11.0	Miles	Stream	3	Bull Camp Creek — From its origin to Dry Creek	
NV03	NV03-SR-70_00	1336	3.3	Miles	Stream	3	Piney Creek — From the Nevada-Idaho state line to Goose Creek	
NV03	NV03-SR-71_00	1364	10.7	Miles	Stream	3	Wilson Creek — From the Nevada-Idaho state line to the North Fork Salmon Falls Creek	
NV03	NV03-SR-72_00	1364	5.8	Miles	Stream	3	Lime Creek — From its origin to Wilson Creek	
NV03	NV03-SR-73_00	1364	6.6	Miles	Stream	1	Willow Creek — From its origin to North Fork Salmon Falls Creek	
NV04	NV04-HR-01_00	1436	91.1	Miles	Stream	5	Humboldt River near Osino — From the upstream source of the main stem to Osino	Continues to be Listed
NV04	NV04-HR-02_00	1438	81.0	Miles	Stream	5	Humboldt River at Palisade — From Osino to Palisade	Continues to be Listed
NV04	NV04-HR-03_00	1442	74.0	Miles	Stream	5	Humboldt River at Battle Mountain — From Palisade to Battle Mountain	Newly Listed in 2020-2022
NV04	NV04-HR-03_01	1442	17.4	Acres	Lake/Res	5	Barth Pit — The entire area	Continues to be Listed
NV04	NV04-HR-04_00	1444	74.9	Miles	Stream	5	Humboldt River at State Highway 789 — From Battle Mountain to Comus	Continues to be Listed
NV04	NV04-HR-05_00	1446	145.9	Miles	Stream	5	Humboldt River at Imlay — From Comus to Imlay	Continues to be Listed
NV04	NV04-HR-06_00	1448	20.4	Miles	Stream	5	Humboldt River at Woolsey — From Imlay to Woosley (Excluding Rye Patch Reservoir)	Continues to be Listed
NV04	NV04-HR-07-C_00	1452	11.8	Miles	Stream	5	Humboldt River at Rodgers Dam — From Woolsey to Rodgers Dam	Continues to be Listed
NV04	NV04-HR-08-D_01	1454	22.8	Miles	Stream	5	Humboldt River at the Humboldt Sink — From Rodgers Dam to the Humboldt Sink	Continues to be Listed
NV04	NV04-HR-08-D_02	1455	8,546.5	Acres	Wetland	3	Humboldt Sink (Humboldt River) — The entire sink.	
NV04	NV04-HR-100_00	1524	10.7	Miles	Stream	2	Nelson Creek — From its origin to its confluence with Willow Creek	
NV04	NV04-HR-103_00	1436	10.8	Miles	Stream	1	Coal Mine Creek — From its origin to the east line of R56E	
NV04	NV04-HR-107_00	1442	10.0	Miles	Stream	2	Ferdelford Creek — From its origin to Pine Creek	
NV04	NV04-HR-108_00	1518	12.3	Miles	Stream	1	Frazier Creek — From its origin to Rock Creek	
NV04	NV04-HR-111_00	1524	8.4	Miles	Stream	2	Lewis Creek — From its origin to Nelson Creek	
NV04	NV04-HR-118_00	1438	35.4	Miles	Stream	1	Susie Creek — From its origin to the Humboldt River	
NV04	NV04-HR-123_00	1442	9.9	Miles	Stream	3	Willow Creek (Pine Creek) — From its origin to Pine Creek (In the Roberts Creek Mountains).	
NV04	NV04-HR-12-A_00	1498	6.8	Miles	Stream	5	Secret Creek at the national forest boundary — From its origin to the National Forest Boundary	Continues to be Listed
NV04	NV04-HR-13-B_00	1502	19.7	Miles	Stream	1	Secret Creek at the Humboldt River — From the National Forest Boundary to the Humboldt River	
NV04	NV04-HR-143_00	1436	15.7	Miles	Stream	1	Reed Creek — From its origin to its confluence with the Humboldt River	
NV04	NV04-HR-144_00	1506	5.0	Miles	Stream	3	Cold Creek, North Fork — From its origin to its confluence with Cold Creek	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV04	NV04-HR-145_01	1436	5.9	Miles	Stream	3	Rabbit Creek at the national forest boundary — From its origin to the National Forest Boundary	
NV04	NV04-HR-145_02	1436	24.4	Miles	Stream	3	Rabbit Creek at the Humboldt River — From the national forest boundary to the Humboldt River	
NV04	NV04-HR-147_00	1518	15.8	Miles	Stream	1	Toe Jam Creek — From its origin to Rock Creek	
NV04	NV04-HR-148_00	1438	6.0	Miles	Stream	2	Camp Creek — From its origin to Susie Creek	
NV04	NV04-HR-149_00	1438	4.1	Miles	Stream	1	Marys Creek — From the Elko-Eureka County Line to the Humboldt River	
NV04	NV04-HR-14-A_00	1504	11.2	Miles	Stream	1	Lamoille Creek at the gaging station — From its origin to gaging station # 10316500 located in the NE 1/4 of Sec 6, T32N, R58E, MDBM	
NV04	NV04-HR-150_00	1522	40.2	Miles	Stream	1	Antelope Creek — From its origin to Rock Creek	
NV04	NV04-HR-156_00	1524	6.5	Miles	Stream	3	Rattlesnake Creek — From its origin to its confluence with Willow Creek	
NV04	NV04-HR-157_00	1524	7.8	Miles	Stream	3	Bull Camp Creek — From its origin to its confluence with Willow Creek	
NV04	**NV04-HR-15-B_00**	**1506**	**24.6**	**Miles**	**Stream**	**5**	**Lamoille Creek at the Humboldt River — From gaging station # 10316500, located in the NE 1/4 of Sec 6, T32N, R58E, MDBM, to its confluence with the Humboldt River**	**Continues to be Listed**
NV04	NV04-HR-161_00	1576	8.7	Miles	Stream	3	Iowa Creek — From its origin to Iowa Canyon Reservoir	
NV04	NV04-HR-162_00	1442	13.1	Miles	Stream	3	Rock Creek — From its origin to the diversion at the canyon mouth	
NV04	NV04-HR-163_00	1444	5.6	Miles	Stream	3	Izzenhood Creek — From its origin to Izzenhood Reservoir	
NV04	**NV04-HR-165_00**	**1527**	**11.6**	**Miles**	**Stream**	**5**	**North Antelope Creek — From its origin to Antelope Creek**	**Continues to be Listed**
NV04	**NV04-HR-166_00**	**1522**	**14.7**	**Miles**	**Stream**	**5**	**Willow Creek — Below Willow Creek Reservoir**	**Continues to be Listed**
NV04	NV04-HR-170_00	1448	4.8	Miles	Stream	1	Humboldt Creek — Its entire length	
NV04	NV04-HR-171_00	1448	4.7	Miles	Stream	1	Wright Canyon Creek — Its entire length	
NV04	**NV04-HR-173_00**	**1446**	**6.5**	**Miles**	**Stream**	**5**	**Thomas Creek — From its origin to Sec 19 T35N R38E**	**Continues to be Listed**
NV04	**NV04-HR-175_00**	**1484**	**15.8**	**Miles**	**Stream**	**5**	**Stormy Creek — Its entire length**	**Continues to be Listed**
NV04	NV04-HR-176_00	1458	2.6	Miles	Stream	2	Peterson Creek — From its origin to Humboldt River, North Fork	
NV04	**NV04-HR-177_00**	**1458**	**9.5**	**Miles**	**Stream**	**5**	**Pratt Creek — Its entire length**	**Continues to be Listed**
NV04	**NV04-HR-178_00**	**1466**	**9.9**	**Miles**	**Stream**	**5**	**Emigrant Spring Drainage — Its entire length**	**Continues to be Listed**
NV04	NV04-HR-178_01	1466	2.4	Miles	Stream	1	Emigrant Spring Trib — Its entire length	
NV04	NV04-HR-179_00	1512	0.9	Miles	Stream	1	Tonkin Spring Outflow — Its entire length	
NV04	NV04-HR-180_00	1508	19.2	Miles	Stream	2	Pete Hanson Creek — From its origin to Henderson Creek	
NV04	NV04-HR-181_00	1508	38.2	Miles	Stream	1	Henderson Creek — From its origin to JD Ponds	
NV04	**NV04-HR-182_00**	**1442**	**2.8**	**Miles**	**Stream**	**5**	**Mosquito Canyon Creek — From its origin to Humboldt River**	**Continues to be Listed**
NV04	NV04-HR-183_00	1442	9.1	Miles	Stream	2	Fire Creek — Its entire length	
NV04	NV04-HR-184_00	1444	18.0	Miles	Stream	2	Trout Creek — Its entire length	
NV04	NV04-HR-185_00	1444	6.6	Miles	Stream	2	Rabbit Creek — Its entire length	
NV04	NV04-HR-186_00	1444	15.1	Miles	Stream	2	Summer Camp Creek — Its entire length	
NV04	NV04-HR-187_00	1444	5.8	Miles	Stream	2	Granite Creek — Its entire length	
NV04	**NV04-HR-188_00**	**1442**	**8.1**	**Miles**	**Stream**	**5**	**Slaven Canyon Creek — Its entire length**	**Continues to be Listed**
NV04	NV04-HR-189_00	1458	5.1	Miles	Stream	3	California Creek — From its origin to Foreman Creek	
NV04	NV04-HR-190_00	1458	2.0	Miles	Stream	3	Warm Creek — From its origin to Gance Creek	
NV04	NV04-HR-197_00	1518	6.0	Miles	Stream	2	Buffalo Creek — From its origin to the confluence with Rock Creek	
NV04	**NV04-HR-198_00**	**1518**	**8.8**	**Miles**	**Stream**	**5**	**Little Rock Creek — From its origin to the confluence with Rock Creek**	**Continues to be Listed**
NV04	NV04-HR-199_00	1518	7.1	Miles	Stream	2	Soldier Creek — From its origin to the confluence with Coyote Creek	
NV04	NV04-HR-200_00	1524	8.6	Miles	Stream	2	Soldier Creek — From its origin to the confluence with Willow Creek	
NV04	NV04-HR-25-A_01	1488	15.1	Miles	Stream	3	Jack Creek (also Cottonwood and Indian Creeks-Maggie Creek & Tributaries) — From their origin to the point where they become Maggie Creek	
NV04	**NV04-HR-25-A_02**	**1488**	**15.1**	**Miles**	**Stream**	**1**	**Little Jack Creek - Maggie Creek Tributaries — From its origin to Jack Creek**	**Delisted in 2020-2022 cycle**
NV04	**NV04-HR-25-A_03**	**1488**	**22.0**	**Miles**	**Stream**	**1**	**Coyote Creek - Maggie Creek Tributaries — From its origin to Maggie Creek**	**Delisted in 2020-2022 cycle**
NV04	NV04-HR-25-A_04	1488	9.8	Miles	Stream	3	Haskell Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_05	1488	6.5	Miles	Stream	3	North Haskell Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_06	1488	39.6	Miles	Stream	2	Beaver Creek and Tributaries - Maggie Creek Tributaries — From their origin to Maggie Creek	
NV04	NV04-HR-25-A_07	1488	5.6	Miles	Stream	3	South Creek (Maggie Creek Tributaries) — From its origin to Maggie Creek	
NV04	**NV04-HR-25-A_08**	**1488**	**6.7**	**Miles**	**Stream**	**5**	**Lake Creek - Maggie Creek Tributaries — From its origin to Maggie Creek**	**Continues to be Listed**

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV04	NV04-HR-25-A_09	1488	5.7	Miles	Stream	5	Dip Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	Continues to be Listed
NV04	NV04-HR-25-A_10	1488	6.6	Miles	Stream	3	Maggie Creek (Maggie Creek and Tributaries) — From their origin to the point where they become Maggie Creek	
NV04	NV04-HR-25-A_11	1488	7.6	Miles	Stream	1	Coon Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_12	1488	7.9	Miles	Stream	3	Lone Mountain Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_13	1488	7.6	Miles	Stream	3	Chicken Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_14	1488	6.8	Miles	Stream	3	Taylor Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_15	1488	5.3	Miles	Stream	3	Donna Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_16	1488	4.6	Miles	Stream	3	Red House Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-25-A_17	1488	16.9	Miles	Stream	3	Fish Creek (Maggie Creek & Tributaries) — From its origin to Maggie Creek	
NV04	NV04-HR-26-B_00	1492	32.8	Miles	Stream	5	Maggie Creek at Jack Creek — From where it is formed by tributaries to its confluence with Jack Ck	Continues to be Listed
NV04	NV04-HR-27-C_00	1494	9.5	Miles	Stream	1	Maggie Creek at Soap Creek — From Jack Creek to its confluence with Soap Creek	
NV04	NV04-HR-28-A_00	1512	5.7	Miles	Stream	3	Denay Creek at Tonkin Reservoir — From its origin to Tonkin Reservoir	
NV04	NV04-HR-29-A_00	1514	2.5	Acres	Lake/Res	1	Tonkin Reservoir — The entire reservoir	Delisted in 2020-2022 cycle
NV04	NV04-HR-30-B_00	1516	18.7	Miles	Stream	3	Denay Creek below Tonkin Reservoir — Below Tonkin Reservoir	
NV04	NV04-HR-31-C_00	1508	8.7	Acres	Lake/Res	1	J.D. Ponds — The entire area	
NV04	NV04-HR-32-A_00	1518	29.1	Miles	Stream	2	Rock Creek at Squaw Valley Ranch — From its origin to Squaw Valley Ranch	
NV04	NV04-HR-33-C_00	1522	47.5	Miles	Stream	1	Rock Creek below Squaw Valley Ranch — Below Squaw Valley Ranch	
NV04	NV04-HR-34-A_00	1524	16.3	Miles	Stream	5	Willow Creek at Willow Creek Reservoir — From its origin to Willow Creek Reservoir	Continues to be Listed
NV04	NV04-HR-35-B_00	1526	576.1	Acres	Lake/Res	5	Willow Creek Reservoir — The entire reservoir	Continues to be Listed
NV04	NV04-HR-36-B_00	1576	27.4	Acres	Lake/Res	3	Iowa Canyon Reservoir — The entire reservoir	
NV04	NV04-HR-53-A_00	1528	7.7	Miles	Stream	1	Pole Creek — From its origin to the point of diversion of the Golconda water supply.	
NV04	NV04-HR-54-A_00	1532	5.1	Miles	Stream	1	Water Canyon Creek — From its origin to the point of diversion of the Winnemucca municipal water supply	
NV04	NV04-HR-55_00	1516	31.1	Miles	Stream	3	Pine Creek — From its origin to Dry Creek	
NV04	NV04-HR-56-B_00	1578	3.6	Miles	Stream	5	Starr Creek — From its origin to the Humboldt River	Continues to be Listed
NV04	NV04-HR-58_00	1442	27.5	Miles	Stream	5	Pine Creek — From its confluence with Dry Creek to the Humboldt River	Continues to be Listed
NV04	NV04-HR-59-C_00	1496	14.2	Miles	Stream	1	Maggie Creek at the Humboldt River — From Soap Creek to its confluence with Humboldt River	
NV04	NV04-HR-63_00	1436	10.4	Miles	Stream	5	Jackstone Creek — From its origin to the Humboldt River	Continues to be Listed
NV04	NV04-HR-66_00	1446	14.7	Miles	Stream	1	Rock Creek — From its origin to the Humboldt River	
NV04	NV04-HR-67_00	1436	15.2	Miles	Stream	5	Sherman Creek — From its origin to its confluence with the Humboldt River	Continues to be Listed
NV04	NV04-HR-69_00	1502	18.9	Miles	Stream	2	Soldier Creek — From its origin to Secret Creek	
NV04	NV04-HR-70_00	1446	10.3	Miles	Stream	1	Sonoma Creek — From its origin to its confluence with Clear Creek	
NV04	NV04-HR-72_00	1506	11.3	Miles	Stream	3	Talbot Creek — From its origin to its confluence with Thorpe Creek	
NV04	NV04-HR-78_00	1506	14.0	Miles	Stream	3	Thorpe Creek — From its origin to its confluence with Lamoille Creek	
NV04	NV04-HR-81_00	1448	16,000.8	Acres	Lake/Res	5	Rye Patch Reservoir — The entire reservoir	Continues to be Listed
NV04	NV04-HR-83_00	1516	15.0	Miles	Stream	2	Willow Creek — From its origin to Pine Creek, below Buckhorn Mine	
NV04	NV04-HR-88_00	1448	6.8	Miles	Stream	3	Rochester Canyon Creek — From its origin to the Humboldt River	
NV04	NV04-HR-89_00	1442	8.4	Miles	Stream	1	Trout Creek — From its origin to Pine Creek	
NV04	NV04-HR-92_00	1494	9.0	Miles	Stream	2	Simon Creek — From its origin to Maggie Creek	
NV04	NV04-HR-94_00	1436	10.9	Miles	Stream	3	Willow Creek — From where it enters the Humboldt Basin (by Angel Lake) to the Humboldt River	
NV04	NV04-HR-95_00	1438	8.2	Miles	Stream	5	Woodruff Creek — From its origin to the Humboldt River	Continues to be Listed
NV04	NV04-HR-96_00	1442	5.4	Miles	Stream	5	Cole Creek — From its origin to Pine Creek	Continues to be Listed
NV04	NV04-LH-101_00	1476	4.3	Miles	Stream	2	Sheep Creek — From its origin to the South Fork Little Humboldt River	
NV04	NV04-LH-120_00	1468	6.8	Miles	Stream	3	Coleman Creek — From its origin to Mullinix Creek	
NV04	NV04-LH-164_00	1468	7.1	Miles	Stream	2	Abel Creek — From its origin to Stone House Creek	
NV04	NV04-LH-167_00	1468	16.2	Miles	Stream	1	Indian Creek — Its entire length	
NV04	NV04-LH-168_00	1468	38.9	Miles	Stream	1	Big Cottonwood Creek — From its origin to Little Humboldt River	
NV04	NV04-LH-191_00	1472	8.6	Miles	Stream	5	Goosey Lake Creek — From its origin to Little Humboldt River, North Fork	Continues to be Listed
NV04	NV04-LH-192_00	1476	6.5	Miles	Stream	5	Snowstorm Creek — From its origin to the Little Humboldt River, South Fork	Continues to be Listed
NV04	NV04-LH-194_00	1476	3.7	Miles	Stream	2	Pole Creek — From its origin to the Little Humboldt River, South Fork	
NV04	NV04-LH-45-A_00	1472	13.2	Miles	Stream	5	Little Humboldt River, North Fork at the national forest boundary — From its origin to the National Forest	Continues to be Listed

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV04	NV04-LH-46-B_00	1474	35.2	Miles	Stream	5	Little Humboldt River, North Fork at the South Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the south fork of the Little Humboldt River	Continues to be Listed
NV04	NV04-LH-47-C_00	1468	55.8	Miles	Stream	5	Little Humboldt River — Its entire length	Continues to be Listed
NV04	NV04-LH-48-A_00	1476	26.0	Miles	Stream	5	Little Humboldt River, South Fork at the Elko-Humboldt county line — From its origin to the Elko-Humboldt county line	Continues to be Listed
NV04	NV04-LH-49-B_00	1478	15.4	Miles	Stream	5	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the north fork of the Little Humboldt River.	Continues to be Listed
NV04	NV04-LH-50-A_00	1534	13.7	Miles	Stream	1	Martin Creek at the national forest boundary — From its origin to the National Forest Boundary	
NV04	NV04-LH-51-B_00	1536	13.2	Miles	Stream	5	Martin Creek below the national forest boundary — From the National Forest Boundary downstream to the first diversion in T42N, R40E, MDBM	Continues to be Listed
NV04	NV04-LH-52-A_00	1538	11.1	Miles	Stream	1	Dutch John Creek — The entire length	
NV04	NV04-LH-61_00	1534	5.8	Miles	Stream	1	Cabin Creek — Its entire length	
NV04	NV04-LH-64_00	1538	3.7	Miles	Stream	1	Lye Creek — From its origin to its confluence with Dutch John Creek	
NV04	NV04-LH-65_00	1538	4.9	Miles	Stream	5	Road Creek — From its origin to its confluence with Dutch John Creek	Newly Listed in 2020-2022
NV04	NV04-LH-68_00	1468	5.4	Miles	Stream	3	Singas Creek — From its origin to the Gavica Ranch	
NV04	NV04-LH-71_00	1468	5.5	Miles	Stream	2	Stone House Creek — From its origin to State Route 290	
NV04	NV04-LH-95-B_00	1474	2,177.2	Acres	Lake/Res	5	Chimney Reservoir — The entire reservoir	Continues to be Listed
NV04	NV04-LH-99_00	1476	3.4	Miles	Stream	5	Secret Creek — From its origin to its confluence with the South Fork Little Humboldt River	Continues to be Listed
NV04	NV04-MR-09-A_00	1482	26.8	Miles	Stream	5	Marys River, upper — From its origin to the point where the river crosses the east line of T42N, R59E, MDBM	Newly Listed in 2020-2022
NV04	NV04-MR-104_00	1484	6.5	Miles	Stream	5	Conners Creek — From its origin to South Fork Hanks Creek	Continues to be Listed
NV04	NV04-MR-10-B_00	1484	66.2	Miles	Stream	5	Marys River at the Humboldt River — From the east line of T42N, R59E, MDBM to the Humboldt River	Continues to be Listed
NV04	NV04-MR-115_00	1484	14.6	Miles	Stream	2	Pole Creek — From its origin to Marys River	
NV04	NV04-MR-11-A_00	1486	12.0	Miles	Stream	5	Tabor Creek — From origin to the east line of T40N, R60E, MDBM	Continues to be Listed
NV04	NV04-MR-121_00	1484	21.9	Miles	Stream	5	T Creek — From its origin to its confluence with the Mary's River	Continues to be Listed
NV04	NV04-MR-132_00	1486	16.8	Miles	Stream	3	Tabor Creek — Below the east line of T40N, R60E, MDBM	
NV04	NV04-MR-193_00	1482	3.4	Miles	Stream	2	West Marys River — From its origin to Marys River	
NV04	NV04-MR-195_00	1484	12.4	Miles	Stream	2	Wildcat Creek — From its origin to Marys River From its origin to Marys River From its origin to Marys River	
NV04	NV04-MR-196_00	1484	5.6	Miles	Stream	2	Draw Creek — From its origin to the confluence with T Creek	
NV04	NV04-MR-98_00	1484	15.9	Miles	Stream	4a	Hanks Creek — From its origin to its confluence with Marys River	TMDL in place
NV04	NV04-NF-105_00	1462	9.2	Miles	Stream	2	Cottonwood Creek — From its origin to the North Fork Humboldt River	
NV04	NV04-NF-106_00	1458	6.9	Miles	Stream	3	Dorsey Creek — From its origin to Dorsey Reservoir	
NV04	NV04-NF-114_00	1458	22.2	Miles	Stream	5	Pie Creek — From its origin to the North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-119_00	1458	10.0	Miles	Stream	3	Willow Creek — From its origin to Dorsey Creek	
NV04	NV04-NF-124_00	1456	1.9	Miles	Stream	2	Beadles Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From its origin to the North Fork Humboldt River	
NV04	NV04-NF-125_00	1456	0.3	Miles	Stream	5	Water Canyon Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to the North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-126_01	1456	0.6	Miles	Stream	2	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From its origin to the waste rock dump	
NV04	NV04-NF-126_02	1456	0.6	Miles	Stream	5	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste Rock Dump to the North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-127_00	1456	0.2	Miles	Stream	5	Dry Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-128_00	1456	2.4	Miles	Stream	3	Cole Canyon Creek (N.F. Humboldt River & Tributaries) — From its origin to the N. F. Humboldt River	
NV04	NV04-NF-129_00	1456	1.2	Miles	Stream	3	Mikes Creek (N.F. Humboldt River & Tributaries) — From its origin to the N. F. Humboldt River	
NV04	NV04-NF-130_00	1456	0.7	Miles	Stream	3	Fry Creek (N.F. Humboldt River & Tributaries) — From its origin to the N. F. Humboldt River	
NV04	NV04-NF-133_00	1458	4.5	Miles	Stream	1	Winters Creek — From its origin to Foreman Creek	
NV04	NV04-NF-134_00	1458	15.5	Miles	Stream	1	Foreman Creek — From its origin to the North Fork Humboldt River	
NV04	NV04-NF-135_00	1458	6.1	Miles	Stream	2	Stump Creek — From its origin to Foreman Creek	
NV04	NV04-NF-136_00	1458	1.6	Miles	Stream	3	Road Canyon Creek — From its origin to Gance Creek	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV04	NV04-NF-137_00	1458	18.0	Miles	Stream	5	Gance Creek — From its origin to Pie Creek	Continues to be Listed
NV04	NV04-NF-138_00	1458	5.6	Miles	Stream	3	McClellan Creek — From its origin to Reed Reservoir	
NV04	NV04-NF-142_00	1458	5.5	Miles	Stream	5	Cabin Creek — From its origin to the East Fork Beaver Creek	Continues to be Listed
NV04	NV04-NF-16-A_01	1456	0.9	Miles	Stream	5	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From its origin to Sammy Creek	Continues to be Listed
NV04	NV04-NF-16-A_02	1456	1.7	Miles	Stream	5	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Sammy Creek to Cole Creek	Continues to be Listed
NV04	NV04-NF-16-A_03	1456	2.3	Miles	Stream	5	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Cole Creek to the National Forest Boundary	Continues to be Listed
NV04	NV04-NF-17-B_00	1458	41.6	Miles	Stream	5	Humboldt River, North Fork at Beaver Creek — From the National Forest Boundary to its confluence with Beaver Creek	Continues to be Listed
NV04	NV04-NF-56-B_00	1462	44.5	Miles	Stream	5	Humboldt River, North Fork at the Humboldt River — From Beaver Creek to its confluence with the Humboldt	Continues to be Listed
NV04	NV04-NF-75_00	1458	4.4	Miles	Stream	5	Beaver Creek — From the confluence of the West and East Forks Beaver Creeks to the North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-76_00	1458	20.0	Miles	Stream	5	Beaver Creek, East Fork — From its origin to the West Fork Beaver Creek	Continues to be Listed
NV04	NV04-NF-77_00	1458	28.6	Miles	Stream	1	Beaver Creek, West Fork — From its origin to the East Fork Beaver Creek	
NV04	NV04-NF-93_00	1458	9.9	Miles	Stream	5	Sheep Creek — From its origin to the North Fork Humboldt River	Continues to be Listed
NV04	NV04-NF-97_00	1462	10.6	Miles	Stream	1	Indian Creek — From its origin to its confluence with the North Fork Humboldt River	
NV04	NV04-RR-158_00	1556	4.1	Miles	Stream	5	Little Sawmill Creek — From its origin to Reese Creek	Continues to be Listed
NV04	NV04-RR-159_00	1556	5.8	Miles	Stream	2	Big Sawmill Creek — From its origin to Reese Creek	
NV04	NV04-RR-160_00	1558	10.9	Miles	Stream	5	Stewart Creek — From its origin to the Reese River	Newly Listed in 2020-2022
NV04	NV04-RR-169_00	1558	9.9	Miles	Stream	5	Cottonwood Creek — From it origin to the Reese River	Continues to be Listed
NV04	NV04-RR-172_00	1558	9.3	Miles	Stream	1	Mohawk Creek — Its entire length	
NV04	NV04-RR-174_00	1558	7.2	Miles	Stream	5	Marysville Creek — From its origin to Reese River	Continues to be Listed
NV04	NV04-RR-201_00	1556	12.4	Miles	Stream	3	Indian Creek — Its entire length	
NV04	NV04-RR-37-A_00	1556	15.2	Miles	Stream	5	Reese River at Indian Creek — From its origin to its confluence with Indian Creek	Continues to be Listed
NV04	NV04-RR-38-B_00	1558	35.1	Miles	Stream	5	Reese River at State Route 722 — From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50)	Continues to be Listed
NV04	NV04-RR-39-C_00	1562	147.6	Miles	Stream	5	Reese River below State Route 722 — North of State Route 722 (old U. S. Highway 50)	Continues to be Listed
NV04	NV04-RR-40-A_00	1564	5.8	Miles	Stream	5	San Juan Creek — From its origin to the National Forest Boundary	Continues to be Listed
NV04	NV04-RR-41-A_00	1566	4.5	Miles	Stream	2	Big Creek at the forest service campground — From its origin to the east boundary of the USFS Big Creek	
NV04	NV04-RR-42-B_00	1568	2.4	Miles	Stream	3	Big Creek below the forest service campground — From the E boundary of the USFS Big Creek Campground to the first diversion dam near the W line of Sec 4, T17N, R43E, MDBM	
NV04	NV04-RR-43-A_00	1572	14.5	Miles	Stream	5	Mill Creek — From its origin to the first point of diversion, near the south line of Sec 22, T29N, R44E, MDBM	Continues to be Listed
NV04	NV04-RR-44-A_00	1574	4.0	Miles	Stream	2	Lewis Creek — From its origin to the first point of diversion	
NV04	NV04-RR-80_00	1558	10.8	Miles	Stream	5	Washington Creek — From its origin to the Reese River	Newly Listed in 2020-2022
NV04	NV04-RR-84_00	1562	6.0	Miles	Stream	3	Long Canyon Creek — From its origin to the Reese River	
NV04	NV04-RR-85_00	1562	2.8	Miles	Stream	3	Licking Creek — From its origin to the Long Canyon Creek	
NV04	NV04-RR-86_00	1562	4.6	Miles	Stream	3	Galena Canyon — From its origin to the Reese River	
NV04	NV04-RR-87_00	1562	1.5	Miles	Stream	3	Butte Creek — From its origin to Galena Canyon	
NV04	NV04-RR-90_00	1562	8.9	Miles	Stream	3	Little Cottonwood Creek — From its origin to the Reese River	
NV04	NV04-SF-102_00	1544	6.9	Miles	Stream	1	Brown Creek — From its origin to State Highway 228	
NV04	NV04-SF-109_00	1544	6.6	Miles	Stream	1	Frost Creek — From its origin to Huntington Creek	
NV04	NV04-SF-110_00	1544	9.9	Miles	Stream	2	Indian Creek — From its origin to Huntington Creek	
NV04	NV04-SF-112_00	1544	10.0	Miles	Stream	5	Little Porter Creek — From its origin to the east line of Range 54E	Continues to be Listed
NV04	NV04-SF-113_00	1544	12.6	Miles	Stream	5	Pearl Creek — From its origin to Huntington Creek	Continues to be Listed
NV04	NV04-SF-116_00	1544	15.3	Miles	Stream	5	Robinson Creek — From its origin to Huntington Creek	Continues to be Listed
NV04	NV04-SF-117_00	1544	10.3	Miles	Stream	2	Robinson Creek, South Fork — From its origin to Robinson Creek	
NV04	NV04-SF-131_00	1466	16.3	Miles	Stream	5	Tenmile Creek — From Spring Creek to the South Fork Humboldt River	Continues to be Listed
NV04	NV04-SF-146_00	1466	5.8	Miles	Stream	2	Spring Creek — From its origin to Tenmile Creek	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV04	NV04-SF-18-A_00	1464	53.2	Miles	Stream	1	Humboldt River, South Fork at South Fork Reservoir, including tributaries above Lee — South Fork of the Humboldt River from its origin to South Fork Reservoir, including its tributaries above Lee, except for the length of the river and the lengths of its tributaries within the exterior borders of the South Fork Indian Reservation.	
NV04	NV04-SF-19-B_02	1466	16.4	Miles	Stream	5	Humboldt River, South Fork at the Humboldt River — From South Fork Reservoir to the Humboldt River	Continues to be Listed
NV04	NV04-SF-20-A_00	1542	16.4	Miles	Stream	5	Huntington Creek at the White Pine-Elko county line — From its origin to the White Pine-Elko county line	Continues to be Listed
NV04	NV04-SF-21-B_00	1544	31.6	Miles	Stream	5	Huntington Creek at Smith Creek — From White Pine county line to its confluence with Smith Creek	Continues to be Listed
NV04	NV04-SF-22-A_00	1548	5.7	Miles	Stream	5	Green Mountain Creek at Toyn Creek — From its origin to its confluence with Toyn Creek.	Continues to be Listed
NV04	NV04-SF-23-B_00	1552	1.3	Miles	Stream	5	Toyn Creek at Corral Creek — From its confluence with Green Mountain Creek to its confluence with Corral Creek.	Continues to be Listed
NV04	NV04-SF-24-A_00	1554	6.4	Miles	Stream	5	Toyn Creek at Green Mountain Creek — From its origin to its confluence with Green Mountain Creek	Continues to be Listed
NV04	NV04-SF-57-B_00	1546	12.8	Miles	Stream	5	Huntington Creek at the South Fork of the Humboldt River — From its confluence with Smith Creek to its confluence with the South Fork Humboldt River	Continues to be Listed
NV04	NV04-SF-62_00	1466	24.2	Miles	Stream	5	Dixie Creek — From its origin to its confluence with the South Fork Humboldt River	Continues to be Listed
NV04	NV04-SF-82_00	1465	1,610.9	Acres	Lake/Res	5	South Fork Reservoir — The entire reservoir	Continues to be Listed
NV06	NV06-SC-101_00	1726	4.0	Miles	Stream	3	Unnamed Creek north of Dry Creek — From its origin to Dry Creek	
NV06	NV06-SC-110_00	1752	4.6	Miles	Stream	2	Jones Creek — Its entire length	
NV06	NV06-SC-40-C_00	1722	5,545.2	Acres	Lake/Res	5	Washoe Lakes — The entire lakes	Continues to be Listed
NV06	NV06-SC-41-C_00	1724	5.4	Miles	Stream	5	Steamboat Creek at the gaging station — From Little Washoe Lakes to gaging station # 10349300 located in the S 1/2 of Sec 33, T18N, R20E, MDBM	Continues to be Listed
NV06	NV06-SC-42-D_00	1726	12.5	Miles	Stream	5	Steamboat Creek at the Truckee River — From gaging station # 10349300, located in the S 1/2 of Sec 33, T18N, R20E, MDBM, to its confluence with the Truckee River	Continues to be Listed
NV06	NV06-SC-43-A_00	1728	7.2	Miles	Stream	5	Franktown Creek, upper — From its origin to the first irrigation diversion near the north line of Sec 9, T16N, R19E, MDBM	Newly Listed in 2020-2022
NV06	NV06-SC-44-B_01	1734	1.2	Miles	Stream	3	Hobart Creek - Hobart Reservoir and tributaries — From its origin to Hobart Reservoir	
NV06	NV06-SC-44-B_02	1734	14.8	Acres	Lake/Res	3	Hobart Reservoir and tributaries — The entire system	
NV06	NV06-SC-45-B_00	1732	1.9	Miles	Stream	1	Franktown Creek at Washoe Lake — From the first irrigation diversion near the north line of Sec 9, T16N, R19E, MDBM to Washoe Lake	
NV06	NV06-SC-46-A_00	1736	5.7	Miles	Stream	1	Ophir Creek at State Route 429 — From its origin to State Route 429 (old U.S. Highway 395)	
NV06	NV06-SC-47-B_00	1738	1.0	Miles	Stream	3	Ophir Creek — From old U.S. Highway 395 to Washoe Lake	
NV06	NV06-SC-48-A_00	1742	4.0	Acres	Lake/Res	3	Price Lakes — The entire lakes	
NV06	NV06-SC-49-B_00	1744	3.1	Acres	Lake/Res	1	Davis Lake — The entire lake	
NV06	NV06-SC-50-A_00	1746	4.5	Miles	Stream	3	Galena Creek — From origin to east line of S18 T17N R19E (Class A)	
NV06	NV06-SC-51-B_00	1748	3.8	Miles	Stream	5	Galena Creek, middle — From the east line of Sec 18, T17N, R19E, MDBM to gaging station # 10348900 located in the SW 1/4 SW 1/4 of Sec 2, T17N, R19E, MDBM	Continues to be Listed
NV06	NV06-SC-52-C_00	1752	3.8	Miles	Stream	1	Galena Creek at Steamboat Creek — Galena Creek from Sec 2, T17N, R19E to Steamboat Creek	
NV06	NV06-SC-53-A_00	1754	8.7	Miles	Stream	5	Whites Creek, upper — From its origin to the east line of Sec 33, T18N, R19E, MDBM	Newly Listed in 2020-2022
NV06	NV06-SC-54-B_00	1756	5.5	Miles	Stream	1	Whites Creek at Steamboat Ditch — Below the east line of Sec 33, T18N, R19E, MDBM to Steamboat Ditch, including North and South Forks	
NV06	NV06-SC-55-A_00	1726	4.8	Miles	Stream	5	Thomas Creek — From source to National Forest Boundary	Newly Listed in 2020-2022
NV06	NV06-SC-56-B_00	1726	4.1	Miles	Stream	5	Thomas Creek — From the National Forest Boundary to Steamboat Ditch	Continues to be Listed
NV06	NV06-SC-59-A_00	1724	3.5	Miles	Stream	1	Browns Creek — From its origin to the first diversion near the center of section 14, T. 17 N., R. 19 E., M.D.B. & M.	
NV06	NV06-SC-61_00	1726	8.6	Miles	Stream	2	Evans Creek — From its origin to Highway 395	
NV06	NV06-SC-62_00	1726	0.8	Miles	Stream	5	Evans Creek — From its intersection with Highway 395 to Boynton Slough	Continues to be Listed
NV06	NV06-SC-63-B_01	1758	3.2	Miles	Stream	5	Whites Creek, North Fork - Whites Creek at Steamboat Creek — Below Steamboat Ditch	Continues to be Listed
NV06	NV06-SC-63-B_02	1758	2.1	Miles	Stream	1	Whites Creek, South Fork - Whites Creek at Steamboat Creek — Below Steamboat Ditch to Steamboat Creek	
NV06	NV06-SC-63-B_03	1758	2.0	Miles	Stream	5	Whites Creek, Middle Fork - Whites Creek at Steamboat Creek — From Whites Creek, South Fork to Steamboat Creek	Continues to be Listed
NV06	NV06-SC-64_00	1726	5.6	Miles	Stream	5	Thomas Creek — Below Steamboat Ditch	Continues to be Listed
NV06	NV06-SC-68_00	1744	2.3	Miles	Stream	1	Davis Creek — From its origin to Davis Lake	
NV06	NV06-SC-69_00	1726	8.3	Miles	Stream	5	Dry Creek — From its origin to its confluence with Boynton Slough	Continues to be Listed
NV06	NV06-SC-70_00	1722	2.2	Miles	Stream	3	Lewers Creek — Its entire length	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV06	NV06-SC-71_00	1722	4.0	Miles	Stream	1	Musgrove Creek — From its origin to Washoe Lake	
NV06	NV06-SC-74_00	1722	3.9	Miles	Stream	1	Winters Creek — Its entire length	
NV06	NV06-SC-79_00	1726	19.7	Acres	Lake/Res	1	Virginia Lake — The entire lake	
NV06	NV06-SC-83_00	1726	53.8	Acres	Lake/Res	3	Alexander Lake — The entire lake	
NV06	NV06-SC-98_00	1722	3.8	Miles	Stream	2	McEwen Creek — From its origin to Washoe Lake	
NV06	NV06-TB-08_00	1626	122,902.0	Acres	Lake/Res	4a	Lake Tahoe — The entire lake (Nevada Portion)	TMDL in place
NV06	NV06-TB-09_00	1652	1.3	Miles	Stream	1	First Creek at Dale and Knotty Pine Drives — From its origin to Knotty Pine Drive	
NV06	NV06-TB-10_00	1646	1.9	Miles	Stream	1	Second Creek at Second Creek Drive — From its origin to Second Creek Drive	
NV06	NV06-TB-103_00	1636	0.5	Miles	Stream	3	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek. — From its origin to Incline Creek, West Fork	
NV06	NV06-TB-104_00	1632	1.3	Miles	Stream	3	Unnamed Tributary to Incline Creek, East Fork — From its origin to East Fork Incline Creek	
NV06	NV06-TB-105_00	1632	1.2	Miles	Stream	5	Unnamed Tributary to Incline Creek @ Tyrolian Viilage - Lake Tahoe Tributaries — From its origin to East Fork Incline Creek	Continues to be Listed
NV06	NV06-TB-106_00	1632	1.3	Miles	Stream	5	Unnamed Creek near Diamond Peak — From its origin to East Fork Incline Creek	Continues to be Listed
NV06	NV06-TB-107_00	1628	0.2	Miles	Stream	3	Unnamed Tributary at South end of Marlette Lake - Lake Tahoe Tributaries — From its origin to Marlette Lake	
NV06	NV06-TB-108_00	1628	0.9	Miles	Stream	3	Unnamed Tributary to Edgewood Creek - Lake Tahoe Tributaries — From its origin to Edgewood Creek	
NV06	NV06-TB-11_00	1644	4.1	Miles	Stream	1	Wood Creek — From its origin to Lake Tahoe	
NV06	NV06-TB-12_00	1642	4.6	Miles	Stream	5	Third Creek, East Fork; Third Creek, West Fork; and Third Creek. — The EF from Hwy 431 to the WF, WF from its origin to the EF, and Third Creek from the confluence of the EF and WF to Lake Tahoe	Continues to be Listed
NV06	NV06-TB-13_00	1638	4.2	Miles	Stream	5	Third Creek, East Fork at State Highway 431 — From its origin to State Highway 431	Newly Listed in 2020-2022
NV06	NV06-TB-14_00	1634	1.0	Miles	Stream	1	Incline Creek, West Fork at State Highway 431 — From its origin to State Highway 431	
NV06	NV06-TB-15_00	1632	3.6	Miles	Stream	1	Incline Creek, East Fork at the ski resort — From its origin to Ski Resort	
NV06	NV06-TB-16_00	1636	3.8	Miles	Stream	5	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek. — The EF from the ski resort to the WF, WF from Hwy 431 to the EF, & Incline Creek from the confluence of the EF & WF to Lake Tahoe	Continues to be Listed
NV06	NV06-TB-17_00	1628	1.6	Miles	Stream	1	Mill Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-18_00	1628	1.8	Miles	Stream	3	Tunnel Creek — From its origin to Lake Tahoe	
NV06	NV06-TB-19_00	1628	348.5	Acres	Lake/Res	1	Marlette Lake - Lake Tahoe Tributaries — The entire reservoir	
NV06	NV06-TB-20_00	1628	1.9	Miles	Stream	5	Marlette Creek - Lake Tahoe Tributaries — From Marlette Lake to Lake Tahoe	Newly Listed in 2020-2022
NV06	NV06-TB-20_01	1628	2.0	Miles	Stream	3	Unnamed Tributary to Marlette Creek — From its origin to Marlette Creek	
NV06	NV06-TB-21_00	1628	3.1	Miles	Stream	2	Secret Harbor Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-22_00	1628	5.5	Miles	Stream	5	North Canyon Creek - Lake Tahoe Tributaries — From its origin to Slaughterhouse Canyon Creek	Continues to be Listed
NV06	NV06-TB-23_00	1628	1.4	Miles	Stream	3	Bliss Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-24_00	1628	2.0	Miles	Stream	3	Slaughter-House Canyon Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-25_00	1628	86.5	Acres	Lake/Res	5	Spooner Lake - Lake Tahoe Tributaries — The entire reservoir	Continues to be Listed
NV06	NV06-TB-26_00	1656	3.7	Miles	Stream	5	Glenbrook Creek — From its origin to Lake Tahoe	Continues to be Listed
NV06	NV06-TB-27_00	1658	2.2	Miles	Stream	1	North Logan House Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-28_00	1658	3.1	Miles	Stream	5	Logan House Creek — From its origin to Lake Tahoe	Newly Listed in 2020-2022
NV06	NV06-TB-28_01	1658	1.5	Miles	Stream	3	Unnamed tributary to Logan House Creek — From its origin to Logan House Creek	
NV06	NV06-TB-29_00	1628	5.3	Miles	Stream	3	Lincoln Creek — From its origin to Lake Tahoe	
NV06	NV06-TB-30_00	1628	5.5	Miles	Stream	1	Zephyr Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-31_00	1628	4.0	Miles	Stream	1	Burke Creek - Lake Tahoe Tributaries — From its origin to Lake Tahoe	
NV06	NV06-TB-32_00	1628	6.3	Miles	Stream	3	McFaul Creek — From its origin to Lake Tahoe	
NV06	NV06-TB-33_00	1664	1.3	Miles	Stream	5	Edgewood Creek at Palisades Drive — From its origin to Palisades Drive	Newly Listed in 2020-2022
NV06	NV06-TB-34_00	1662	1.4	Miles	Stream	5	Eagle Rock Creek — From its origin to Edgewood Creek	Continues to be Listed
NV06	NV06-TB-84_00	1654	0.5	Miles	Stream	1	First Creek at Lakeshore Drive — From Knotty Pine Drive to Lake Tahoe	
NV06	NV06-TB-85_00	1648	0.5	Miles	Stream	1	Second Creek at Lakeshore Drive — From 2nd Creek Drive to Lake Tahoe	
NV06	NV06-TB-86_00	1666	2.3	Miles	Stream	1	Edgewood Creek at Stateline — From Palisades Drive to Lake Tahoe	
NV06	NV06-TR-01_00	1682	0.0	Miles	Stream	5	Truckee River at the state line — At the Nevada-California state line	Continues to be Listed
NV06	NV06-TR-02_00	1684	15.9	Miles	Stream	5	Truckee River at Idlewild — From Nevada-California state line to Idlewild	Newly Listed in 2020-2022
NV06	NV06-TR-03_00	1686	5.5	Miles	Stream	5	Truckee River at East McCarran — From Idlewild to East McCarran Blvd	Continues to be Listed
NV06	NV06-TR-04_00	1688	6.3	Miles	Stream	5	Truckee River at Lockwood Bridge — From East McCarran Blvd to Lockwood	Newly Listed in 2020-2022

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV06	NV06-TR-05_00	1692	14.4	Miles	Stream	5	Truckee River at Derby Dam — From Lockwood to Derby Dam	Continues to be Listed
NV06	NV06-TR-06_00	1694	9.3	Miles	Stream	5	Truckee River at the Pyramid Lake Paiute Reservation — From Derby Dam to Wadsworth	Continues to be Listed
NV06	NV06-TR-100_00	1684	0.5	Miles	Stream	3	Dog Creek — From Nevada-California state line to Truckee River	
NV06	NV06-TR-35_00	1702	8.9	Miles	Stream	1	Gray Creek — From Nevada-California state line to Truckee River	
NV06	NV06-TR-36_00	1698	6.8	Miles	Stream	1	Bronco Creek — From Nevada-California state line to Truckee River	
NV06	NV06-TR-37-A_00	1704	2.2	Miles	Stream	3	Hunter Creek — From its origin to Hunter Lake	
NV06	NV06-TR-38-A_00	1706	0.6	Acres	Lake/Res	3	Hunter Lake — The entire lake	
NV06	NV06-TR-39-B_00	1708	6.9	Miles	Stream	1	Hunter Creek at the Truckee River — From Hunter Lake to its confluence with the Truckee River	
NV06	NV06-TR-57-D_00	1762	19.6	Miles	Stream	5	Lagomarsino Creek (Long Valley Creek) — Its entire length	Continues to be Listed
NV06	NV06-TR-58-C_00	1764	32.7	Acres	Lake/Res	3	Tracy Pond — The entire area	
NV06	NV06-TR-65_00	1688	72.7	Acres	Lake/Res	5	Sparks Marina — The entire reservoir	Continues to be Listed
NV06	NV06-TR-76_00	1684	5.3	Miles	Stream	5	Alum Creek — From its origin to the Truckee River	Continues to be Listed
NV06	NV06-TR-77_00	1684	4.1	Miles	Stream	5	Chalk Creek — From its origin to the Truckee River	Continues to be Listed
NV06	NV06-TR-80_00	1694	5.7	Miles	Stream	3	Perry Canyon Creek — Its entire length	
NV06	NV06-TR-82_00	1694	19.2	Miles	Stream	3	Cottonwood Creek — From its origin to Mullin Creek	
NV06	NV06-TR-89_00	1684	6.5	Miles	Stream	3	Bull Ranch Creek — From its origin to Truckee River	
NV06	NV06-TR-90_00	1762	10.1	Miles	Stream	3	Lousetown Creek — From its origin to Long Valley Creek	
NV08	NV08-CR-01_00	1796	0.0	Miles	Stream	5	Carson River, West Fork at the state line — At the Nevada-California state line	Continues to be Listed
NV08	NV08-CR-02_00	1798	3.7	Miles	Stream	5	Bryant Creek near the state line — At the Nevada-California state line	Newly Listed in 2020-2022
NV08	NV08-CR-03_00	1802	0.0	Miles	Stream	5	Carson River, East Fork at the state line — At the Nevada-California state line	Continues to be Listed
NV08	NV08-CR-04_00	1804	9.2	Miles	Stream	5	Carson River, East Fork at US Highway 395 south of Gardnerville — From the Nevada-California state line to Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	Continues to be Listed
NV08	NV08-CR-05_01	1806	6.5	Miles	Stream	5	Carson River, East Fork at Muller Lane — From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	Continues to be Listed
NV08	NV08-CR-05_02	1806	2.1	Miles	Stream	5	Carson River, East Fork at the West Fork — From Muller Lane to the West Fork, Carson River	Continues to be Listed
NV08	NV08-CR-06_01	1808	11.3	Miles	Stream	5	Carson River, West Fork at Genoa Lane — Carson River, West Fork from State line to Muller Lane	Continues to be Listed
NV08	NV08-CR-06_02	1808	4.3	Miles	Stream	5	Carson River, East Fork at Genoa Lane — Carson River, East Fork from Muller Lane to the West Fork, Carson River, West Fork from Muller Lane to the East Fork, and Carson River from the confluence of the East and West Forks to Genoa Lane	Continues to be Listed
NV08	NV08-CR-07_00	1812	4.6	Miles	Stream	5	Carson River at Cradlebaugh Bridge — From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	Continues to be Listed
NV08	NV08-CR-08_00	1814	7.4	Miles	Stream	5	Carson River at the Mexican Ditch Gage — From Cradlebaugh Bridge to Mexican Ditch Gage	Continues to be Listed
NV08	NV08-CR-09_00	1816	7.0	Miles	Stream	5	Carson River near New Empire — From Mexican Ditch Gage to New Empire	Continues to be Listed
NV08	NV08-CR-10_00	1818	10.4	Miles	Stream	5	Carson River at Dayton Bridge — From New Empire to Dayton Bridge	Continues to be Listed
NV08	NV08-CR-11_00	1822	25.8	Miles	Stream	5	Carson River at Lahontan Reservoir — From Dayton Bridge to Lahontan Reservoir	Continues to be Listed
NV08	NV08-CR-13-C_01	1826	6.3	Miles	Stream	5	Lower Carson River — From Lahontan Reservoir to Carson River Dam	Continues to be Listed
NV08	NV08-CR-13-C_02	1826	39.9	Miles	Stream	5	Carson River, Lower — From the Carson River Dam to the Carson Sink (the natural channel)	Continues to be Listed
NV08	NV08-CR-14-A_00	1828	3.2	Miles	Stream	1	Daggett Creek — From its origin to the Carson River	
NV08	NV08-CR-15-A_00	1832	2.3	Miles	Stream	3	Genoa Creek — From its origin to the first diversion box at the mouth of the canyon.	
NV08	NV08-CR-16-A_00	1834	3.2	Miles	Stream	3	Sierra Canyon Creek — From gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1,T. 14 N., R. 19 E., M.D.B.& M., to the Carson River.	
NV08	NV08-CR-17-A_00	1836	7.2	Miles	Stream	1	Clear Creek at the gaging station — From its origin to gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M., except for the length of the creek within the exterior borders of the Washoe Indian Reservation.	
NV08	NV08-CR-18-B_00	1838	3.4	Miles	Stream	1	Clear Creek at the Carson River — From gaging station # 103105 located in the NE 1/4 NW 1/4 of Sec 1, T14N, R19E, MDBM to the Carson River	Delisted in 2020-2022 cycle
NV08	NV08-CR-19-A_00	1842	3.3	Miles	Stream	3	Kings Canyon — From its origin to the first diversion box at the mouth of the canyon near the east line of Sec 23, T15N, R19E, MDBM	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV08	NV08-CR-20-A_00	1844	5.6	Miles	Stream	5	Ash Canyon — From its origin to the first diversion of the Carson City Water Department near the west line of Sec 12, T15N, R19E, MDBM	Newly Listed in 2020-2022
NV08	NV08-CR-21-C_00	1846	10.1	Miles	Stream	5	V-Line Canal — From the Carson diversion dam to its division into the S & L Canals.	Continues to be Listed
NV08	NV08-CR-22-C_00	1848	405.5	Acres	Lake/Res	5	Rattlesnake Reservoir — Also known as S-Line Reservoir - the entire reservoir	Continues to be Listed
NV08	NV08-CR-23-C_00	1852	655.2	Acres	Wetland	5	Indian Lakes — All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake, and East Lake	Continues to be Listed
NV08	NV08-CR-24-C_00	1854	13.4	Miles	Stream	5	Diagonal Drain — Its entire length	Continues to be Listed
NV08	NV08-CR-25-C_00	1856	2,582.9	Acres	Wetland	5	South Carson Lake — The entire lake (Also known as Government Pasture or the Greenhead Gun Club)	Continues to be Listed
NV08	NV08-CR-26-C_00	1858	47.8	Acres	Lake/Res	5	Harmon Reservoir — The entire reservoir	Continues to be Listed
NV08	NV08-CR-27-C_00	1862	25,995.8	Acres	Wetland	5	Stillwater Marsh east of Westside Road — All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	Continues to be Listed
NV08	NV08-CR-28-D_00	1864	1,912.7	Acres	Wetland	5	Stillwater Marsh west of Westside Road — All areas of Stillwater Marsh not designated as class C	Continues to be Listed
NV08	NV08-CR-29_00	1812	16.2	Miles	Stream	5	Brockliss Slough, including East and West Branches — Its entire length	Continues to be Listed
NV08	NV08-CR-32_00	1806	5.3	Miles	Stream	5	Indian Creek — From the Nevada-California state line to the Washoe Indian Reservation boundary	Continues to be Listed
NV08	NV08-CR-34_00	1812	0.2	Miles	Stream	3	Ambrosetti Creek — Its entire length.	
NV08	NV08-CR-45_00	1816	2.9	Miles	Stream	3	Vicee Canyon Creek — From its origin to the first infiltration pond	
NV08	NV08-CR-46_00	1824	14,177.7	Acres	Lake/Res	5	Lahontan Reservoir — The entire reservoir	Continues to be Listed
NV08	NV08-CR-47_00	1812	26.5	Acres	Lake/Res	5	Ambrosetti Pond — The entire pond	Continues to be Listed
NV08	NV08-CR-48_00	1826	75.0	Miles	Stream	5	All stream/rivers below Lahontan Dam in Lahontan Valley — All stream/rivers below Lahontan Dam in Lahontan Valley except the Lower Carson River, V-Line Canal, and Diagonal Drain.	Continues to be Listed
NV08	NV08-CR-49_00	N/A	1,076.5	Acres	Wetland	5	All lakes, reservoirs, and wetlands below Lahontan Dam — All lakes, reservoirs, and wetlands below Lahontan Dam in Lahontan Valley except Harmon Reservoir, Indian Lakes, Rattlesnake Reservoir, South Carson Lake, and Stillwater Marsh	Continues to be Listed
NV08	NV08-CR-50_00	1844	1.4	Miles	Stream	1	Ash Canyon Tributary — From its origin to Ash Canyon Creek	
NV08	NV08-CR-51_00	1842	2.7	Miles	Stream	1	Kings Canyon Creek, North Fork — From its origin to Kings Canyon Creek	
NV08	NV08-CR-52_00	1836	2.5	Miles	Stream	2	Clear Creek Tributary — From its origin to Clear Creek	
NV08	NV08-CR-53_00	1822	5.5	Miles	Stream	5	Virginia Creek (Six Mile Canyon) — Its entire length	Continues to be Listed
NV08	NV08-CR-53_01	1822	1.5	Miles	Stream	5	Bonanza Creek — From its origin to Virginia Creek (Six Mile Canyon Creek)	Continues to be Listed
NV08	NV08-CR-54_00	1828	2.6	Miles	Stream	3	Daggett Creek, South Fork — From its origin to Daggett Creek	
NV08	NV08-CR-55_00	1828	1.7	Miles	Stream	3	Corsser Creek — From its origin to Daggett Creek	
NV08	NV08-CR-56_00	1828	3.2	Miles	Stream	3	Mott Creek — From its origin to Dagget Creek	
NV08	NV08-CR-57_00	1828	3.0	Miles	Stream	3	Monument Creek — From its origin to Dagget Creek	
NV08	NV08-CR-58_00	1828	1.8	Miles	Stream	3	Sheridan Creek — From its origin to Dagget Creek	
NV08	NV08-CR-59_00	1828	2.1	Miles	Stream	3	Barber Creek — From its origin to Dagget Creek	
NV08	NV08-CR-60_00	1806	16.0	Miles	Stream	3	Pine Nut Creek — From its origin to Carson River, East Fork	
NV09	NV09-WR-01_00	1886	0.0	Miles	Stream	5	Walker River, West Fork at the state line — At the Nevada-California state line	Continues to be Listed
NV09	NV09-WR-02_00	1888	987.1	Acres	Lake/Res	5	Topaz Lake — The entire lake (Nevada portion)	Continues to be Listed
NV09	NV09-WR-03_00	1892	16.9	Miles	Stream	1	Walker River, West Fork near Wellington — From Nevada-California state line to Wellington	Delisted in 2020-2022 cycle
NV09	NV09-WR-04_00	1894	25.3	Miles	Stream	5	Walker River, West Fork at the East Fork of the Walker River — From Wellington to the confluence with the East Fork Walker River	Continues to be Listed
NV09	NV09-WR-05_00	1896	8.1	Miles	Stream	1	Sweetwater Creek — From Nevada-California state line to the East Fork Walker River	
NV09	NV09-WR-06_00	1898	0.0	Miles	Stream	1	Walker River, East Fork at the state line — At the Nevada-California state line	Delisted in 2020-2022 cycle
NV09	NV09-WR-07_00	1902	23.0	Miles	Stream	5	Walker River, East Fork at Bridge B-1475 — From the Nevada-California state line to Bridge B-1475	Continues to be Listed
NV09	NV09-WR-08_00	1904	41.1	Miles	Stream	5	Walker River, East Fork at the West Fork of the Walker River — From Bridge B-1475 to its confluence with the West Fork Walker River	Continues to be Listed
NV09	NV09-WR-09_00	1906	23.6	Miles	Stream	5	Walker River at the Walker River Indian Reservation — From the confluence of the EF and WF Walker River to the boundary of the Walker River Indian Reservation	Continues to be Listed
NV09	NV09-WR-10_00	1908	0.1	Miles	Stream	5	Walker River at Walker Lake — From the exterior border of the Walker River Indian Reservation to Walker Lake.	Continues to be Listed
NV09	NV09-WR-11_00	1914	35,520.9	Acres	Lake/Res	5	Walker Lake — The entire lake	Continues to be Listed
NV09	NV09-WR-12_00	1916	17.1	Miles	Stream	1	Desert Creek — From the Nevada-California state line to the West Fork Walker River	Delisted in 2020-2022 cycle

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV09	NV09-WR-13-C_01	1918	156.6	Acres	Wetland	5	North Pond - Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough — The entire pond	Continues to be Listed
NV09	NV09-WR-13-C_02	1918	25.9	Acres	Wetland	3	Mason Valley Wildlife Area (Hinkson Slough) — The entire slough	
NV09	NV09-WR-13-C_03	1918	52.9	Acres	Wetland	3	Mason Valley Wildlife Area (Bass Pond) — The entire pond	
NV09	NV09-WR-13-C_04	1918	14.1	Acres	Wetland	3	Mason Valley Wildlife Area (Crappie Pond) — The entire pond	
NV09	NV09-WR-15-A_00	1926	10.9	Miles	Stream	3	Cottonwood Creek — From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot near the North line of section 34, T. 9 N., R. 28 E., M. D. B. & M.	
NV09	NV09-WR-16-A_00	1928	3.0	Miles	Stream	3	Squaw Creek — From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot near the North line of section 33, T. 9 N., R. 29 E., M. D. B. & M.	
NV09	NV09-WR-17-A_00	1932	4.8	Miles	Stream	3	Rose Creek — From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot near the North line of section 4, T. 8 N., R. 29 E., M. D. B. & M.	
NV09	NV09-WR-18-A_00	1934	8.9	Miles	Stream	5	Corey Creek — From its origin to the point of diversion of the town of Hawthorne, near the west line of Sec 3, T7N, R29E, MDBM	Continues to be Listed
NV09	NV09-WR-19_00	1902	7.5	Miles	Stream	5	Rough Creek — From its origin to its confluence with Bodie Creek	Continues to be Listed
NV09	NV09-WR-20_00	1902	6.3	Miles	Stream	5	Rough Creek — From its confluence with Bodie Creek to its confluence with the East Fork Walker River	Continues to be Listed
NV09	NV09-WR-21_00	1902	10.5	Miles	Stream	5	Bodie Creek — From the Nevada-California state line to its confluence with Rough Creek	Continues to be Listed
NV09	NV09-WR-23-C_00	1922	644.2	Acres	Wetland	3	Mason Valley Wildlife Area — All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond	
NV09	NV09-WR-26_00	1894	10.2	Miles	Stream	2	Red Canyon Creek — From its origin to R22E , MDB & M	
NV10	NV10-CE-01_00	1956	13.4	Miles	Stream	1	Chiatovich Creek — Above the highway maintenance station	
NV10	NV10-CE-02_00	1958	2.6	Miles	Stream	1	Indian Creek — Above the center of section 9, T. 2 S., R. 34 E., M. D. B. & M.	
NV10	NV10-CE-03_00	1962	1.5	Miles	Stream	1	Leidy Creek — Above the hydroelectric plant	
NV10	NV10-CE-04-C_00	1964	7.2	Acres	Lake/Res	3	Fish Lake — The entire lake	
NV10	NV10-CE-05-A_00	1966	4.3	Miles	Stream	3	Star Creek — From Its Origin To The First Point Of Diversion, Near The West Line Of T. 31 N., R. 34 E., M.D.B. & M.	
NV10	NV10-CE-06-B_00	1968	32.4	Acres	Lake/Res	3	Willow Creek Reservoir — The entire reservoir	
NV10	NV10-CE-07-A_00	1972	21.4	Miles	Stream	3	Peavine Creek — From its origin to the first point of diversion, near the National Forest Boundary	
NV10	NV10-CE-08-A_00	1974	11.1	Miles	Stream	3	Jett Creek — From its origin to the national forest boundary	
NV10	NV10-CE-09-A_00	1976	8.6	Miles	Stream	1	Twin River, South Fork — From its origin to the first point of diversion, near the National Forest Boundary	
NV10	NV10-CE-10-A_00	1978	8.2	Miles	Stream	1	Twin River, North Fork — From its origin to the first point of diversion, near the National Forest Boundary	
NV10	NV10-CE-11-A_00	1982	5.4	Miles	Stream	1	Kingston Creek at Groves Lake — From its origin to Groves Reservoir	
NV10	NV10-CE-12-B_00	1984	14.3	Acres	Lake/Res	2	Groves Lake — The entire lake	
NV10	NV10-CE-13-B_00	1986	9.3	Miles	Stream	1	Kingston Creek below Groves Lake — Below Groves Lake	
NV10	NV10-CE-16-A_00	1994	8.7	Miles	Stream	3	Skull Creek — From its origin to the first point of diversion	
NV10	NV10-CE-17-A_00	1996	6.0	Miles	Stream	3	Steiner Creek — From its origin to the first point of diversion	
NV10	NV10-CE-18-A_00	1998	9.2	Miles	Stream	1	Pine Creek (Nye County) — From its origin to the National Forest Boundary	
NV10	NV10-CE-19-A_00	2002	17.2	Miles	Stream	3	Barley Creek — From its origin to the first point of diversion near the national forest boundary	
NV10	NV10-CE-20-A_00	2004	8.3	Miles	Stream	3	Mosquito Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-21-A_00	2006	10.8	Miles	Stream	3	Stoneberger Creek — From its origin to the national forest boundary	
NV10	NV10-CE-22-A_00	2008	7.9	Miles	Stream	2	Roberts Creek at Roberts Creek Reservoir — From origin to Roberts Creek Reservoir	
NV10	NV10-CE-23-B_00	2012	15.9	Miles	Stream	3	Roberts Creek below Roberts Creek Reservoir — Below Roberts Creek Reservoir	
NV10	NV10-CE-24-B_00	2014	3.5	Acres	Lake/Res	3	Fish Springs Pond — The entire reservoir	
NV10	NV10-CE-25-B_00	2016	4.8	Acres	Lake/Res	1	Illipah Reservoir — The entire reservoir	
NV10	NV10-CE-26-B_00	2018	14,928.4	Acres	Wetland	5	Ruby Marsh — The entire area	Continues to be Listed
NV10	NV10-CE-27-A_00	2022	11.9	Acres	Lake/Res	5	Angel Lake — The entire lake	Newly Listed in 2020-2022
NV10	NV10-CE-28-A_00	2024	5.0	Miles	Stream	3	Pole Canyon Creek — From its origin to the Franklin River	
NV10	NV10-CE-29-A_00	2026	5.3	Miles	Stream	3	Goshute Creek — From its origin to the first point of diversion	
NV10	NV10-CE-30-C_00	2028	14.3	Miles	Stream	5	Gleason Creek at State Highway 485 — From its origin to State Highway 485 (old State Highway 44)	Continues to be Listed
NV10	NV10-CE-31-D_00	2032	4.9	Miles	Stream	5	Gleason Creek at Murry Creek — From State Highway 44 to its confluence with Murry Creek	Continues to be Listed
NV10	NV10-CE-32-D_01	2034	2.8	Miles	Stream	1	Murry Creek — From its confluence with Gleason Creek to Crawford Street	
NV10	NV10-CE-32-D_02	2035	1.2	Miles	Stream	3	Murry Creek — From Crawford Street to the South line of section 35, T. 17 N., R. 63 E., M.D.B. & M.	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV10	NV10-CE-33-C_00	2036	136.0	Acres	Lake/Res	5	Comins Reservoir — The entire reservoir	Continues to be Listed
NV10	NV10-CE-34-A_00	2038	5.0	Miles	Stream	1	North Creek — From its origin to the pipeline intake, near the north line of Sec 20, T19N, R65E, MDBM	
NV10	NV10-CE-35-A_00	2042	3.2	Miles	Stream	5	East Creek — From its origin to pipeline intake, near the National Forest Boundary	Continues to be Listed
NV10	NV10-CE-36-A_00	2044	1.7	Miles	Stream	1	Bird Creek — From its origin to pipeline intake near bird creek campground	
NV10	NV10-CE-37-A_00	2046	2.9	Miles	Stream	5	Timber Creek — From its origin to the pipeline intake, near the west line of Sec 27, T18N, R65E, MDBM	Newly Listed in 2020-2022
NV10	NV10-CE-38-A_00	2048	8.2	Miles	Stream	1	Berry Creek — From its origin to the pipeline intake near the National Forest Boundary	
NV10	NV10-CE-39-A_00	2052	13.2	Miles	Stream	1	Duck Creek — From its origin to the pipeline intake, near the center of Sec 24, T18N, R64E, MDBM	
NV10	NV10-CE-40-A_00	2054	8.2	Miles	Stream	5	Cleve Creek — From its origin to the National Forest Boundary	Newly Listed in 2020-2022
NV10	NV10-CE-41-A_00	2056	4.5	Miles	Stream	1	Cave Creek — Its entire length	
NV10	NV10-CE-42-B_00	2058	17.9	Acres	Lake/Res	1	Cave Lake — The entire reservoir	Delisted in 2020-2022 cycle
NV10	NV10-CE-43-A_00	2062	1.7	Miles	Stream	3	Pine Creek (White Pine County) — From its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M.	
NV10	NV10-CE-44-A_00	2064	1.5	Miles	Stream	3	Ridge Creek — From its origin to the first point of diversion	
NV10	NV10-CE-45-A_00	2066	10.3	Miles	Stream	2	Currant Creek at the national forest boundary — From its origin to the national forest boundary	
NV10	NV10-CE-46-B_00	2068	6.7	Miles	Stream	3	Currant Creek at Currant — From the national forest boundary to Currant	
NV10	NV10-CE-47_00	2012	17.3	Miles	Stream	1	Allison Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-48_00	N/A	5.3	Miles	Stream	3	Big Den Creek — Its entire length	
NV10	NV10-CE-49_00	N/A	7.5	Miles	Stream	3	Cherry Creek — Its entire length	
NV10	NV10-CE-50_00	N/A	7.9	Miles	Stream	3	Cherry Creek — Its entire length	
NV10	NV10-CE-51_00	N/A	7.6	Miles	Stream	3	Clear Creek — Its entire length	
NV10	NV10-CE-52_00	N/A	4.3	Miles	Stream	3	Cold Creek — Its entire length	
NV10	NV10-CE-53_00	2002	10.1	Miles	Stream	1	Cottonwood Creek — From its origin to Barley Creek	
NV10	NV10-CE-54_00	1966	2.9	Miles	Stream	2	Coyote Canyon Creek — From its origin to John Brown Canyon	
NV10	NV10-CE-55_00	N/A	8.9	Miles	Stream	3	Edwards Creek — Its entire length	
NV10	NV10-CE-56_00	N/A	6.5	Miles	Stream	3	Horse Creek — Its entire length	
NV10	NV10-CE-57_00	2016	10.0	Miles	Stream	5	Illipah Creek — Its entire length	Newly Listed in 2020-2022
NV10	NV10-CE-58_00	2054	5.4	Miles	Stream	1	Kalamazoo Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-59_00	2018	7.4	Miles	Stream	1	Mayhew Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-60_00	N/A	12.7	Miles	Stream	3	Cottonwood Creek — Its entire length	
NV10	NV10-CE-61_00	1978	0.5	Miles	Stream	1	Ophir Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-62_00	1964	2.2	Miles	Stream	2	Perry Akin Creek — From the Nevada-California state line to Nevada State Highway 264	
NV10	NV10-CE-63_00	N/A	6.0	Miles	Stream	3	Pine Creek — Its entire length	
NV10	NV10-CE-64_00	2058	9.9	Miles	Stream	1	Steptoe Creek — From its origin to where it crosses State Highway 486 at the canyon mouth	
NV10	NV10-CE-65_00	2058	3.1	Miles	Stream	3	Steptoe Creek below Highway 486 — Below Highway 486	
NV10	NV10-CE-66_00	1956	10.2	Miles	Stream	1	Trail Canyon Creek — From its origin to its confluence with Dry Creek	
NV10	NV10-CE-67_00	1966	4.5	Miles	Stream	1	Buena Vista Creek (Union Creek) — From its origin to State Route 400	
NV10	NV10-CE-68_00	N/A	8.6	Miles	Stream	3	Willow Creek (Desatoya Mountains) — From its origin to its confluence with Rock Creek (in the Desatoya	
NV10	NV10-CE-69_00	N/A	5.6	Miles	Stream	3	Willow Creek (Mt. Charleston) — From its origin to Cold Creek (Near Indian Springs, Clark County)	
NV10	NV10-CE-70_00	1978	4.4	Miles	Stream	1	Wisconsin Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-71_00	2034	204.3	Acres	Lake/Res	2	Bassett Lake — The entire reservoir	
NV10	NV10-CE-72_00	2022	1.1	Miles	Stream	1	Angel Creek — Above and below Angel Lake to where it leaves the Central Region	
NV10	NV10-CE-73_00	N/A	2.9	Miles	Stream	3	Freeman Creek — From its origin to the canyon Mouth	
NV10	NV10-CE-74_00	2004	7.3	Miles	Stream	3	Morgan Creek — From its origin to the west line of Sec 23, T12N, R47E, MDBM	
NV10	NV10-CE-75_00	2068	3.5	Miles	Stream	3	Duckwater Creek — Below Duckwater Indian Reservation	
NV10	NV10-CE-76_00	2018	13.6	Miles	Stream	3	Overland Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-76_01	2018	11.0	Acres	Lake/Res	5	Overland Lake — The entire lake	Continues to be Listed
NV10	NV10-CE-77_00	2018	3.9	Miles	Stream	1	Smith Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-78_00	N/A	1.5	Miles	Stream	3	Rattlesnake Canyon Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-79_00	N/A	3.8	Miles	Stream	3	East Squaw Creek — From the N.F. East Squaw Creek to the irrigation reservoir	
NV10	NV10-CE-80_00	2054	2.9	Miles	Stream	3	Odgers Creek — From its origin to the National Forest Boundary	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV10	NV10-CE-81_00	2054	3.2	Miles	Stream	2	Cleve Creek Lower — Below the National Forest Boundary	
NV10	NV10-CE-82_00	2062	3.3	Miles	Stream	2	Shingle Creek — From its origin to the first point of diversion	
NV10	NV10-CE-83_00	2062	3.5	Miles	Stream	2	Williams Canyon Creek — From its origin to the first point of diversion	
NV10	NV10-CE-84_00	1966	2.9	Miles	Stream	3	Wilson Canyon — From its origin to Buena Vista Creek	
NV10	NV10-CE-85_00	2058	3.5	Miles	Stream	3	Unnamed Creek near Cave Lake — From its origin to Steptoe Creek	
NV10	NV10-CE-86_00	1966	1.1	Miles	Stream	3	Monitor Canyon Creek — From its origin to Wilson Canyon Creek	
NV10	**NV10-CE-87_00**	**N/A**	**16.0**	**Acres**	**Wetland**	**5**	**Warm Springs Pond — The entire pond/wetland**	**Continues to be Listed**
NV10	NV10-CE-88_00	N/A	9.2	Miles	Stream	3	Cottonwood Canyon Creek — Its entire length	
NV10	NV10-CE-89_00	2012	35.5	Miles	Stream	2	Coils Creek — From its origin to Roberts Creek	
NV10	NV10-CE-90_00	1978	4.2	Miles	Stream	3	Summit Creek — From its origin to the National Forest Boundary	
NV10	NV10-CE-91_00	1986	5.7	Miles	Stream	3	Santa Fe Creek	
NV10	NV10-CE-92_00	N/A	5.0	Miles	Stream	3	Bastian Creek — Its entire length	
NV11	NV11-GS-01_00	2096	10.1	Miles	Stream	1	Snake Creek above the fish hatchery — Above the fish hatchery	
NV11	NV11-GS-02-C_00	2098	3.3	Miles	Stream	2	Snake Creek below the fish hatchery — From control point above fish hatchery to the Nevada-Utah state line	
NV11	NV11-GS-03-A_00	2102	7.6	Miles	Stream	1	Baker Creek — From its origin to the National Forest Boundary	
NV11	NV11-GS-04-A_00	2104	7.4	Miles	Stream	1	Lehman Creek — From its origin to the National Forest Boundary	
NV11	NV11-GS-05-A_00	2106	11.1	Miles	Stream	1	Silver Creek — From its origin to the National Forest Boundary	
NV11	NV11-GS-06-A_00	2112	9.7	Miles	Stream	1	Hendrys Creek — From its origin to the national forest boundary	
NV11	NV11-GS-07-B_00	2108	5.0	Acres	Lake/Res	3	Silver Creek Reservoir — The entire reservoir	
NV11	NV11-GS-08_00	2102	3.8	Miles	Stream	2	Strawberry Creek — From its origin to the National Park Boundary	
NV11	NV11-GS-09_00	2102	3.0	Miles	Stream	3	Pole Canyon Creek — From its origin to Baker Creek	
NV11	NV11-GS-10_00	2098	5.0	Miles	Stream	2	Big Wash, South Fork — From its origin to the National Park Boundary	
NV13	**NV13-CL-01_00**	**2146**	**14.9**	**Miles**	**Stream**	**1**	**Colorado River below Davis Dam — From Davis Dam to the Nevada-California state line**	**Delisted in 2020-2022 cycle**
NV13	**NV13-CL-02_00**	**2148**	**12.0**	**Miles**	**Stream**	**1**	**Colorado River below Hoover Dam — From Hoover Dam to Willow Beach**	**Delisted in 2020-2022 cycle**
NV13	NV13-CL-03_00	2152	147,392.2	Acres	Lake/Res	1	Lake Mead — Nevada portion excluding area covered by NAC 445A.197	
NV13	**NV13-CL-04_00**	**2154**	**137.8**	**Acres**	**Lake/Res**	**5**	**Inner Las Vegas Bay — From the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay**	**Continues to be Listed**
NV13	NV13-CL-05_00	2156	4.9	Miles	Stream	1	Las Vegas Wash at the historic lateral — From confluence of Sloan Channel and Las Vegas Wash to the Historic	
NV13	NV13-CL-06_00	2158	6.1	Miles	Stream	1	Las Vegas Wash at Lake Mead — From the Historic Lateral to the confluence with Lake Mead	
NV13	**NV13-CL-07_00**	**2164**	**2.9**	**Miles**	**Stream**	**5**	**Virgin River at Mesquite — From the Nevada-Arizona state line to Mesquite**	**Continues to be Listed**
NV13	**NV13-CL-08_00**	**2162**	**0.0**	**Miles**	**Stream**	**5**	**Virgin River at the state line — At the Nevada-Arizona state line**	**Continues to be Listed**
NV13	**NV13-CL-09_00**	**2166**	**23.9**	**Miles**	**Stream**	**5**	**Virgin River at Lake Mead — From Mesquite to river mouth at Lake Mead**	**Continues to be Listed**
NV13	**NV13-CL-10_00**	**2178**	**0.8**	**Miles**	**Stream**	**5**	**Beaver Dam Wash — Above Schroeder Reservoir**	**Continues to be Listed**
NV13	**NV13-CL-11_01**	**2168**	**1.8**	**Miles**	**Stream**	**5**	**Muddy River at the Warm Springs Bridge — From its origin to Warm Springs Bridge**	**Continues to be Listed**
NV13	**NV13-CL-11_02**	**2168**	**7.2**	**Miles**	**Stream**	**5**	**Muddy River at the Glendale Bridge — From Warm Springs Bridge to Glendale, except for the length of the river within the exterior borders of the Moapa Indian Reservation**	**Continues to be Listed**
NV13	**NV13-CL-12_01**	**2172**	**5.9**	**Miles**	**Stream**	**5**	**Muddy River at the Wells Siding Diversion — From Glendale to Wells Siding Diversion**	**Continues to be Listed**
NV13	**NV13-CL-12_02**	**2174**	**10.8**	**Miles**	**Stream**	**5**	**Muddy River at Lake Mead — From Wells Siding Diversion to river mouth at Lake Mead**	**Continues to be Listed**
NV13	NV13-CL-13_00	2176	18.9	Miles	Stream	3	Meadow Valley Wash — From the bridge at Rox to its confluence with the Muddy River	
NV13	NV13-CL-15-A_00	2184	12.4	Miles	Stream	1	White River at the national forest boundary — From its origin to the national forest	
NV13	NV13-CL-16-B_00	2186	7.2	Miles	Stream	1	White River at Ellison Creek — From the National Forest Boundary to its confluence with Ellison Creek	
NV13	NV13-CL-17-B_00	2188	178.6	Acres	Lake/Res	1	Dacey Reservoir — The entire reservoir	
NV13	NV13-CL-18-B_00	2192	7.1	Miles	Stream	1	Sunnyside Creek — From its origin to Adams McGill Reservoir	
NV13	NV13-CL-19-B_00	2194	682.5	Acres	Lake/Res	2	Adams McGill Reservoir — The entire reservoir	
NV13	**NV13-CL-20-B_00**	**2196**	**126.1**	**Acres**	**Lake/Res**	**5**	**Hay Meadow Reservoir — The entire reservoir**	**Continues to be Listed**
NV13	**NV13-CL-21-C_00**	**2198**	**202.2**	**Acres**	**Lake/Res**	**5**	**Nesbitt Lake — The entire lake**	**Continues to be Listed**
NV13	NV13-CL-22-C_00	2202	457.1	Acres	Lake/Res	1	Pahranagat Reservoir — The entire reservoir	
NV13	NV13-CL-23-C_00	2204	85.5	Acres	Lake/Res	2	Bowman Reservoir — The entire reservoir	
NV13	NV13-CL-24-B_00	2208	44.7	Acres	Lake/Res	1	Eagle Valley Reservoir — The entire reservoir	
NV13	**NV13-CL-25-C_00**	**2212**	**58.1**	**Acres**	**Lake/Res**	**5**	**Echo Canyon Reservoir — The entire reservoir**	**Continues to be Listed**
NV13	NV13-CL-26-B_00	2214	35.2	Miles	Stream	1	Clover Creek — From its origin to the point where it crosses the east range line of T4S, R67E, MDBM	

Region	Assessment Unit	NAC	Size	Units	WB Type	EPA Category	Waterbody Name — Description	Comparison with 2018 Cycle
NV13	NV13-CL-27-B_00	2206	2.0	Miles	Stream	3	Eagle Valley Creek — From its origin to Eagle Valley Reservoir	
NV13	NV13-CL-28_00	2186	46.3	Miles	Stream	3	White River — Below Ellison Creek	
NV13	NV13-CL-29_00	2196	2.8	Miles	Stream	1	Forest Home Creek — From its origin to Big Spring Wash	
NV13	NV13-CL-30_00	2208	9.4	Miles	Stream	2	Meadow Valley Wash — From Eagle Valley Reservoir to Echo Canyon Reservoir	
NV13	NV13-CL-31_00	2212	27.5	Miles	Stream	3	Meadow Valley Wash — From Caliente to Echo Canyon Reservoir	
NV13	**NV13-CL-32_00**	**2176**	**65.9**	**Miles**	**Stream**	**5**	**Meadow Valley Wash — From Caliente to Rox**	**Continues to be Listed**
NV13	NV13-CL-33_01	2202	27.4	Miles	Stream	3	Pahranagat Wash — From Hiko to its confluence with the Muddy River	
NV13	NV13-CL-33_02	2168	47.0	Miles	Stream	3	Pahranagat Wash — From Lower Pahranagat Reservoir to its confluence with the Muddy River	
NV13	**NV13-CL-34_00**	**2196**	**176.6**	**Acres**	**Lake/Res**	**5**	**Tule Field Reservoir — The entire reservoir**	**Continues to be Listed**
NV13	**NV13-CL-35_00**	**2196**	**261.5**	**Acres**	**Lake/Res**	**5**	**Cold Springs Reservoir — The entire reservoir**	**Continues to be Listed**
NV13	NV13-CL-36_00	2212	10.5	Miles	Stream	3	Castleton Wash — From its origin to Meadow Valley Wash	
NV13	NV13-CL-37_00	2198	0.4	Miles	Stream	2	Crystal Springs Creek — Its entire length	
NV13	**NV13-CL-38_00**	**2147**	**27,000.6**	**Acres**	**Lake/Res**	**5**	**Lake Mohave — From Willow Beach to Davis Dam (Nevada portion only)**	**Continues to be Listed**
NV13	**NV13-CL-39_00**	**2156**	**18.9**	**Miles**	**Stream**	**5**	**Flamingo Wash — From its origin to Las Vegas Wash**	**Continues to be Listed**
NV13	**NV13-CL-40_00**	**2156**	**7.5**	**Miles**	**Stream**	**5**	**Sloan Channel — From North Las Vegas Blvd to Las Vegas Wash**	**Continues to be Listed**
NV13	**NV13-CL-42_00**	**2156**	**14.5**	**Miles**	**Stream**	**5**	**Duck Creek — From its origin to Las Vegas Wash**	**Continues to be Listed**
NV13	NV13-CL-43_00	2156	10.8	Miles	Stream	3	Tropicana Wash — From its origin to Flamingo Wash	
NV13	**NV13-CL-44_00**	**2156**	**7.3**	**Miles**	**Stream**	**5**	**Las Vegas Creek — From its origin to Las Vegas Wash**	**Continues to be Listed**
NV13	**NV13-CL-45_00**	**2156**	**11.1**	**Miles**	**Stream**	**5**	**Las Vegas Wash above Treatment Plants — Above treatment Plants**	**Continues to be Listed**
NV13	NV13-CL-46_00	2186	12.5	Miles	Stream	2	Ellison Creek — From its origin to the National Forest Boundary	
NV13	NV13-CL-47_00	2206	11.8	Miles	Stream	3	Camp Valley Creek — From its origin to the south line of T5N, R69E, MDBM	
NV13	NV13-CL-48_00	2206	2.4	Miles	Stream	3	Water Canyon — From its origin to Camp Valley Creek	
NV13	**NV13-CL-49_00**	**2156**	**14.6**	**Miles**	**Stream**	**5**	**Pittman Wash — From its origin to Duck Creek**	**Continues to be Listed**
NV13	NV13-CL-50_00	2160	320.0	Acres	Lake/Res	3	Lake Las Vegas — The entire reservoir	
NV14	NV14-DV-01_01	N/A	67.5	Miles	Stream	3	Amargosa River	

NAC = Nevada Administrative Code
WB Type = Waterbody type (streams, lakes/reservoirs, and wetlands)
MDBM = Mount Diablo base and meridian
TMDL = Total maximum daily load

EPA Category
1 = All beneficial uses are supported
2 = Some beneficial uses are supported; data insufficient to assess other uses
3 = Insufficient information to assess any uses
4a = TMDL or other plan exists to improve water quality
5 = One or more beneficial uses are not supported

Font Color Key
Red font = new listing (Category 5)
Green font = continued listing (Category 5)
Blue font = delisting (see Attachment 4 for reason)
Black font = meeting standards or insufficient data to assess (Categories 1, 2, and 3)

ATTACHMENT 2

Assessment Results, Ordered by Assessment Unit

This page intentionally blank

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV01	NV01-NW-01-A_00	Boulder Reservoir	1256	5.6	Acres	Lake/Res	5	N			F	N	F	N	F	F					
NV01	NV01-NW-02-A_00	Blue Lakes	1258	26.4	Acres	Lake/Res	5	N			F	F	F	N	F	F					
NV01	NV01-NW-03-A_00	Catnip Reservoir	1262	72.7	Acres	Lake/Res	5	N			F	F	F	N	F	F					
NV01	NV01-NW-04-B_00	Wall Canyon Reservoir	1264	71.5	Acres	Lake/Res	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-05-B_00	Knott Creek Reservoir	1266	88.7	Acres	Lake/Res	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-06-B_00	Onion Valley Reservoir	1268	79.1	Acres	Lake/Res	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-07_01	Alder Creek at Little Onion Reservoir	1268	2.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV01	NV01-NW-07_02	Alder Creek at Little Alder Creek	1268	6.5	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-08_00	Cove Creek	1268	6.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV01	NV01-NW-09_00	Craine Creek	1266	10.6	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-10_00	Little Alder Creek	1268	5.9	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-11_00	Onion Valley Spring	1268	0.16	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-12_00	Catnip Creek, South	1262	3.0	Miles	Stream	3	I			I	I	I	I	I	I					
NV01	NV01-NW-13_00	Swan Reservoir	1262	1,201	Acres	Lake/Res	3	I			I	I	I	I	I	I					
NV01	NV01-NW-14_01	Knott Creek	1266	3.6	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-14_02	Knott Creek	1266	3.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-15_00	Catnip Creek, North	1262	2.0	Miles	Stream	3	I			I	I	I	I	I	I					
NV01	NV01-NW-16_00	Catnip Creek	1262	4.3	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV01	NV01-NW-17_00	Cottonwood Creek, South Fork	N/A	5.1	Miles	Stream	3														
NV01	NV01-NW-18_00	Butte Creek	1266	0.39	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-19_00	Bull Creek	N/A	6.8	Miles	Stream	3														
NV01	NV01-NW-20_01	Bordwell Creek	1264	2.4	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV01	NV01-NW-20_02	Bordwell Creek	1264	4.0	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV01	NV01-NW-21_01	Wall Canyon Creek	1264	15.8	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV01	NV01-NW-22_00	Big Springs Reservoir	1268	249	Acres	Lake/Res	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-23_00	Little Onion Reservoir	1268	36.4	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV01	NV01-NW-24_00	Center Creek	1266	8.7	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV01	NV01-NW-25_00	Virgin Creek	N/A	35.2	Miles	Stream	3														
NV01	NV01-NW-26_00	Onion Creek	1268	2.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV01	NV01-NW-27_00	Hays Canyon Creek	N/A	5.3	Miles	Stream	3														
NV02	NV02-BL-01_00	Smoke Creek	1286	20.6	Miles	Stream	5	N			F		F	N	F	F					
NV02	NV02-BL-02-B_00	Squaw Creek Reservoir	1288	45.9	Acres	Lake/Res	5	N		F	F	N	F	N	F	F					
NV02	NV02-BL-03-A_00	Negro Creek	1292	22.7	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-05-A_00	Mahogany Creek	1296	5.8	Miles	Stream	5	N			F	N	F	F	F	F					
NV02	NV02-BL-06-A_00	Leonard Creek	1298	8.3	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-07-A_00	Bilk Creek, upper	1302	13.9	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-08-B_00	Bilk Creek at Bilk Creek Reservoir	1304	7.6	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV02	NV02-BL-09-B_00	Bilk Creek Reservoir	1306	38.0	Acres	Lake/Res	5	N		F	F	N	F	F	F	F					
NV02	NV02-BL-10-A_00	Bottle Creek	1308	8.8	Miles	Stream	1	F			F	F	F	F	F	F					
NV02	NV02-BL-11-A_01	Quinn River, East Fork	1312	21.2	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-11-A_02	Quinn River, South Fork	1312	10.9	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-13-D_00	Quinn River	1316	5.4	Miles	Stream	3	I		I	I		I		I	I					
NV02	NV02-BL-14_00	Buffalo Creek	1286	26.8	Miles	Stream	5	N			F		F	N	F	F					
NV02	NV02-BL-15_00	Alta Creek	1312	7.2	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-16_00	Bartlett Creek	1298	9.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-17_00	Battle Creek	1312	12.7	Miles	Stream	2	F			F	I	F	I	F	F					
NV02	NV02-BL-18_00	Cold Springs Creek	1312	3.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-19_00	Crowley Creek	1312	16.4	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-20_00	Falls Canyon Creek	1312	4.0	Miles	Stream	5	N			F	N	F	F	F	F					
NV02	NV02-BL-21_00	Horse Canyon Creek	1312	4.8	Miles	Stream	2	F			F	I	F	I	F	F					
NV02	NV02-BL-22_00	Kings River	1312	40.6	Miles	Stream	5	N			F	N	F	N	F	F					
NV02	NV02-BL-23_00	McDermitt Creek	1312	11.5	Miles	Stream	5	N			N	N	F	N	F	F					
NV02	NV02-BL-24_00	Riser Creek	1312	17.2	Miles	Stream	3	I			I	X	I	X	I	I					
NV02	NV02-BL-25_00	Rock Creek	1292	6.1	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-26_00	Soldier Meadows Hot Springs (Creek)	1312	6.7	Miles	Stream	5	N			N	I	I	I	F	N					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV02	NV02-BL-27_00	Washburn Creek	1312	17.8	Miles	Stream	5	N			F	N	F	F	F	F					
NV02	NV02-BL-28_00	Charleston Gulch	1312	1.9	Miles	Stream	3	X			X	X	X	X	X	X					
NV02	NV02-BL-29_00	Unnamed Tributary to Quinn River, East Fork	1312	2.1	Miles	Stream	3	I			I	X	I	X	I	I					
NV02	NV02-BL-30_00	Andorno Creek	1312	3.4	Miles	Stream	2	F			X	X	X	F	X	X					
NV02	NV02-BL-31_00	Anderson Creek	1312	1.8	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-32_01	Quinn River	1312	64.2	Miles	Stream	3	I			I	X	I	X	I	I					
NV02	NV02-BL-32_02	Quinn River	1312	21.5	Miles	Stream	1	F			F	F	F	F	F	F					
NV02	NV02-BL-33_00	McConnell Creek	1312	3.7	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-34_00	Snow Creek	1298	6.5	Miles	Stream	2	F			I	I	F	F	I	I					
NV02	NV02-BL-35_00	Trout Creek	1308	4.4	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-36_00	High Rock Canyon	1312	25.0	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-37_00	Jackson Creek	1312	8.4	Miles	Stream	5	F			F	N	F	F	F	F					
NV02	NV02-BL-38_00	Buffalo Creek	1312	7.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-39_00	Threemile Creek	1312	9.5	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-40_00	Birthday Mine Creek	1312	0.23	Miles	Stream	5	N			N	N	F	N	I	N					
NV02	NV02-BL-41_00	Red Mountain Creek	1292	19.9	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-42_00	Donnelly Creek	1312	7.6	Miles	Stream	3	I			I	I	I	I	I	I					
NV02	NV02-BL-43_00	Little Cottonwood Creek	1292	10.8	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-BR-16_00	Bruneau River	1352	53.4	Miles	Stream	5	N		F	N	N	F	F	F	F					
NV03	NV03-BR-17-B_00	76 Creek	1386	11.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-BR-41_00	Merritt Creek	1352	7.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-BR-79_00	Meadow Creek	1352	13.1	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-BR-80_00	Walker Creek	1352	2.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-BR-81_00	Salmon Creek	1352	8.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-JR-12_00	Jarbidge River, East Fork	1344	18.3	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV03	NV03-JR-13_00	Jarbidge River, above Jarbidge	1346	8.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-JR-14_00	Jarbidge River, below Jarbidge	1348	8.8	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV03	NV03-JR-15-A_00	Bear Creek	1384	4.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-JR-64_00	Jack Creek	1422	5.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-JR-74_00	Deadman Creek	N/A	3.9	Miles	Stream	3														
NV03	NV03-JR-75_00	Caudle Creek	N/A	6.3	Miles	Stream	3														
NV03	NV03-JR-76_00	Slide Creek	1344	5.7	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV03	NV03-JR-77_00	Fall Creek	1344	4.4	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-JR-78_00	Dave Creek	1344	10.3	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV03	NV03-JR-89_00	Deer Creek	1348	7.0	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV03	NV03-JR-90_00	Robinson Creek	1344	6.5	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV03	NV03-JR-91_00	Buck Creek	1348	12.1	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV03	NV03-OW-18_00	Owyhee River, above Mill Creek	1354	14.1	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV03	NV03-OW-19_01	Owyhee River, below Mill Creek	1356	4.6	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV03	NV03-OW-21-A_00	Owyhee River, East Fork above Wild Horse Reservoir	1388	12.7	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-OW-22-A_00	Deep Creek	1392	16.9	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-OW-23-A_00	Penrod Creek	1394	71.0	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-OW-24-A_00	Hendricks Creek	1396	3.9	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-OW-25-B_00	Wild Horse Reservoir	1398	2,263	Acres	Lake/Res	5	N	N	F	F	F	F	N	F	F					
NV03	NV03-OW-26-A_00	Browns Gulch	1402	5.0	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-OW-27_00	Owyhee River, South Fork	1362	90.7	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV03	NV03-OW-28-A_00	Jack Creek	1404	8.8	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-OW-29-B_00	Harrington Creek	1406	9.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-OW-30-B_00	Bull Run Reservoir	1408	105	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV03	NV03-OW-31-B_00	Wilson Reservoir	1412	829	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV03	NV03-OW-33_00	Mill Creek	1356	4.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-OW-34_00	Mill Creek	1356	1.8	Miles	Stream	5	N		F	N	N	F	F	F	N					
NV03	NV03-OW-36_00	Bull Run Creek	1408	4.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-OW-40_00	McCann Creek	1362	11.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-OW-44_00	Taylor Canyon	1414	12.6	Miles	Stream	5	N		F	F	F	F	N	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV03	NV03-OW-46_00	Water Pipe Canyon	1362	5.0	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-OW-48_00	Burns Creek	1362	9.1	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV03	NV03-OW-49_00	Mill Creek	1362	3.0	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV03	NV03-OW-50_00	Jerritt Canyon Creek	1362	6.1	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV03	NV03-OW-51_01	Snow Canyon Creek	1362	12.2	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV03	NV03-OW-51_02	Snow Canyon Creek, East Fork	1362	1.5	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV03	NV03-OW-52_00	Badger Creek	1354	8.6	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-OW-68_00	Tomasina Gulch	1354	1.2	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-OW-79_00	Dry Creek Reservoir	1362	118	Acres	Lake/Res	5	N		F	I	I	I	I	I	I					
NV03	NV03-OW-82_00	Dry Creek	1354	2.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-OW-83_00	Rio Tinto Gulch	1356	0.35	Miles	Stream	5	N		F	N	F	F	F	F	N					
NV03	NV03-OW-84_00	Deep Creek	1362	32.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-OW-85_00	Starvation Canyon Creek	1362	2.8	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV03	NV03-OW-86_00	Dorsey Creek	1404	1.8	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-OW-87_00	Gracie Creek	1362	1.5	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV03	NV03-OW-88_00	Niagara Creek	1362	6.4	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-OW-92_00	Mill Creek	1404	1.8	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-SR-01_00	Goose Creek	1336	27.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-SR-02_00	Salmon Falls Creek	1338	40.0	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV03	NV03-SR-03_00	Shoshone Creek	1342	12.3	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-04-B_00	Salmon Falls Creek, North Fork	1364	19.3	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-05-B_00	Salmon Falls Creek, South Fork	1366	14.5	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-06-A_00	Camp Creek at the national forest boundary	1368	6.4	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-SR-07-B_00	Camp Creek at the South Fork of Salmon Falls Creek	1372	10.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-SR-08-A_00	Cottonwood Creek at the national forest boundary	1374	8.4	Miles	Stream	3	I			I	I	I	I	I	I					
NV03	NV03-SR-09-B_00	Cottonwood Creek at the South Fork of Salmon Falls Creek	1376	8.9	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-10-A_00	Canyon Creek at the national forest boundary	1378	8.2	Miles	Stream	3	X			X	X	X	X	X	X					
NV03	NV03-SR-11-B_00	Canyon Creek at Salmon Falls Creek, SF	1382	12.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-35_00	Little Goose Creek	1336	12.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-37_00	Cedar Creek	1342	9.7	Miles	Stream	5	F		F	F	F	F	N	F	F					
NV03	NV03-SR-38_00	Trout Creek	1418	25.5	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV03	NV03-SR-42_00	Milligan Creek	1342	11.2	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV03	NV03-SR-43_00	Sun Creek	1366	14.9	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-45_00	Trout Creek	1416	7.4	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-47_00	Trout Creek, West Fork	1418	9.2	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV03	NV03-SR-53_00	Jakes Creek	1338	15.5	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-53_01	Jakes Creek Reservoir	1338	13.9	Acres	Lake/Res	5	X	N	X	X	X	X	X	X	X					
NV03	NV03-SR-54_00	Jakes Creek, North Fork	1338	3.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-55_00	Jakes Creek, South Fork	1338	7.5	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-56_00	Jakes Creek, Middle Fork	1338	4.3	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-57_00	Cottonwood Creek, North Fork	1376	7.3	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-58_00	Cottonwood Creek, Middle Fork	1376	6.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-59_00	Shack Creek	1364	3.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV03	NV03-SR-60_00	Deer Creek	1366	3.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV03	NV03-SR-61_00	Deer Creek, East Fork	1366	6.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-62_00	Deer Creek, West Fork	1366	6.0	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV03	NV03-SR-63_00	Deer Creek, Middle Fork	1366	5.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-65_00	Bear Creek	1364	4.2	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV03	NV03-SR-66_00	Dry Creek	1338	19.4	Miles	Stream	2	F		F	F	F	F	I	I	F					
NV03	NV03-SR-67_00	Bull Camp Creek	1338	11.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV03	NV03-SR-70_00	Piney Creek	1336	3.3	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-SR-71_00	Wilson Creek	1364	10.7	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-SR-72_00	Lime Creek	1364	5.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV03	NV03-SR-73_00	Willow Creek	1364	6.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-01_00	Humboldt River near Osino	1436	91.1	Miles	Stream	5	N		F	N	N	F	N	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV04	NV04-HR-02_00	Humboldt River at Palisade	1438	81.0	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV04	NV04-HR-03_00	Humboldt River at Battle Mountain	1442	74.0	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-HR-03_01	Barth Pit	1442	17.4	Acres	Lake/Res	5	X	N	X	X	X	X	X	X	X					
NV04	NV04-HR-04_00	Humboldt River at State Highway 789	1444	74.9	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-HR-05_00	Humboldt River at Imlay	1446	146	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV04	NV04-HR-06_00	Humboldt River at Woolsey	1448	20.4	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV04	NV04-HR-07-C_00	Humboldt River at Rodgers Dam	1452	11.8	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-HR-08-D_01	Humboldt River at the Humboldt Sink	1454	22.8	Miles	Stream	5	N		F	N		F	N	F	F					
NV04	NV04-HR-08-D_02	Humboldt Sink (Humboldt River)	1455	8,546	Acres	Wetland	3	X		X	X		X		X	X					
NV04	NV04-HR-100_00	Nelson Creek	1524	10.7	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-103_00	Coal Mine Creek	1436	10.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-107_00	Ferdelford Creek	1442	10.0	Miles	Stream	2	I		F	F	F	F	F	F	F					
NV04	NV04-HR-108_00	Frazier Creek	1518	12.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-111_00	Lewis Creek	1524	8.4	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-118_00	Susie Creek	1438	35.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-123_00	Willow Creek (Pine Creek)	1442	9.9	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-12-A_00	Secret Creek at the national forest boundary	1498	6.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-HR-13-B_00	Secret Creek at the Humboldt River	1502	19.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-143_00	Reed Creek	1436	15.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-144_00	Cold Creek, North Fork	1506	5.0	Miles	Stream	3	I		X	I	I	I	I	I	I					
NV04	NV04-HR-145_01	Rabbit Creek at the national forest boundary	1436	5.9	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-145_02	Rabbit Creek at the Humboldt River	1436	24.4	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-147_00	Toe Jam Creek	1518	15.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-148_00	Camp Creek	1438	6.0	Miles	Stream	2	F		I	I	I	F	F	I	I					
NV04	NV04-HR-149_00	Marys Creek	1438	4.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-14-A_00	Lamoille Creek at the gaging station	1504	11.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-150_00	Antelope Creek	1522	40.2	Miles	Stream	1	F		F	F	F	F	F	X	F					
NV04	NV04-HR-156_00	Rattlesnake Creek	1524	6.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-157_00	Bull Camp Creek	1524	7.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-15-B_00	Lamoille Creek at the Humboldt River	1506	24.6	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-HR-161_00	Iowa Creek	1576	8.7	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-162_00	Rock Creek	1442	13.1	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-163_00	Izzenhood Creek	1444	5.6	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-165_00	North Antelope Creek	1527	11.6	Miles	Stream	5	N		F			F	F	F	F					
NV04	NV04-HR-166_00	Willow Creek	1522	14.7	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV04	NV04-HR-170_00	Humboldt Creek	1448	4.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-171_00	Wright Canyon Creek	1448	4.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-173_00	Thomas Creek	1446	6.5	Miles	Stream	5	F		F	F	F	F	N	F	F					
NV04	NV04-HR-175_00	Stormy Creek	1484	15.8	Miles	Stream	5	F		F	F	N	F	X	X	F					
NV04	NV04-HR-176_00	Peterson Creek	1458	2.6	Miles	Stream	2	F		F	X	F	F	F	X	X					
NV04	NV04-HR-177_00	Pratt Creek	1458	9.5	Miles	Stream	5	N		X	X	F	X	X	X	X					
NV04	NV04-HR-178_00	Emigrant Spring Drainage	1466	9.9	Miles	Stream	5	N		F	F	F	F	N	X	F					
NV04	NV04-HR-178_01	Emigrant Spring Trib	1466	2.4	Miles	Stream	1	F		F	F	F	F	F	I	F					
NV04	NV04-HR-179_00	Tonkin Spring Outflow	1512	0.87	Miles	Stream	1	F			F	F	F	F	F	F					
NV04	NV04-HR-180_00	Pete Hanson Creek	1508	19.2	Miles	Stream	2	F		F	X	F	F	F	F	X					
NV04	NV04-HR-181_00	Henderson Creek	1508	38.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-182_00	Mosquito Canyon Creek	1442	2.8	Miles	Stream	5	N		F	N	N	F	X	X	F					
NV04	NV04-HR-183_00	Fire Creek	1442	9.1	Miles	Stream	2	F		F	F	F	F	X	X	F					
NV04	NV04-HR-184_00	Trout Creek	1444	18.0	Miles	Stream	2	F		F	F	F	F	X	X	F					
NV04	NV04-HR-185_00	Rabbit Creek	1444	6.6	Miles	Stream	2	F		F	F	F	F	X	X	X					
NV04	NV04-HR-186_00	Summer Camp Creek	1444	15.1	Miles	Stream	2	F		F	F	F	F	X	X	X					
NV04	NV04-HR-187_00	Granite Creek	1444	5.8	Miles	Stream	2	F		F	F	F	F	X	X	X					
NV04	NV04-HR-188_00	Slaven Canyon Creek	1442	8.1	Miles	Stream	5	F		F	F	N	F	X	X	X					
NV04	NV04-HR-189_00	California Creek	1458	5.1	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-190_00	Warm Creek	1458	2.0	Miles	Stream	3	I		I	I	I	I	I	I	I					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV04	NV04-HR-197_00	Buffalo Creek	1518	6.0	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-198_00	Little Rock Creek	1518	8.8	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-HR-199_00	Soldier Creek	1518	7.1	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-200_00	Soldier Creek	1524	8.6	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_01	Jack Creek (also Cottonwood and Indian Creeks-Maggie Creek & Tributaries)	1488	15.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_02	Little Jack Creek - Maggie Creek Tributaries	1488	15.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-25-A_03	Coyote Creek - Maggie Creek Tributaries	1488	22.0	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-25-A_04	Haskell Creek (Maggie Creek & Tributaries)	1488	9.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_05	North Haskell Creek (Maggie Creek & Tributaries)	1488	6.5	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_06	Beaver Creek and Tributaries - Maggie Creek Tributaries	1488	39.6	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_07	South Creek (Maggie Creek Tributaries)	1488	5.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_08	Lake Creek - Maggie Creek Tributaries	1488	6.7	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV04	NV04-HR-25-A_09	Dip Creek - Maggie Creek Tributaries	1488	5.7	Miles	Stream	5	N		F	X	F	F	N	X	X					
NV04	NV04-HR-25-A_10	Maggie Creek (Maggie Creek and Tributaries)	1488	6.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_11	Coon Creek - Maggie Creek Tributaries	1488	7.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-25-A_12	Lone Mountain Creek (Maggie Creek & Tributaries)	1488	7.9	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_13	Chicken Creek (Maggie Creek & Tributaries)	1488	7.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_14	Taylor Creek - Maggie Creek Tributaries	1488	6.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_15	Donna Creek (Maggie Creek & Tributaries)	1488	5.3	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_16	Red House Creek (Maggie Creek & Tributaries)	1488	4.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-25-A_17	Fish Creek (Maggie Creek & Tributaries)	1488	16.9	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-26-B_00	Maggie Creek at Jack Creek	1492	32.8	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-HR-27-C_00	Maggie Creek at Soap Creek	1494	9.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-28-A_00	Denay Creek at Tonkin Reservoir	1512	5.7	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-29-A_00	Tonkin Reservoir	1514	2.5	Acres	Lake/Res	1	F			F	F	F	F	F	F					
NV04	NV04-HR-30-B_00	Denay Creek below Tonkin Reservoir	1516	18.7	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-31-C_00	J.D. Ponds	1508	8.7	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-32-A_00	Rock Creek at Squaw Valley Ranch	1518	29.1	Miles	Stream	2	F		F	F	F	F	F	F	X					
NV04	NV04-HR-33-C_00	Rock Creek below Squaw Valley Ranch	1522	47.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-34-A_00	Willow Creek at Willow Creek Reservoir	1524	16.3	Miles	Stream	5	N		F	F	F	F	N	X	X					
NV04	NV04-HR-35-B_00	Willow Creek Reservoir	1526	576	Acres	Lake/Res	5	N		F	N	N	F	N	F	F					
NV04	NV04-HR-36-B_00	Iowa Canyon Reservoir	1576	27.4	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-53-A_00	Pole Creek	1528	7.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-54-A_00	Water Canyon Creek	1532	5.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-55_00	Pine Creek	1516	31.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-56-B_00	Starr Creek	1578	3.6	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-HR-58_00	Pine Creek	1442	27.5	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-HR-59-C_00	Maggie Creek at the Humboldt River	1496	14.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-63_00	Jackstone Creek	1436	10.4	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-HR-66_00	Rock Creek	1446	14.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-67_00	Sherman Creek	1436	15.2	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-HR-69_00	Soldier Creek	1502	18.9	Miles	Stream	2	F		F	I	I	F	I	I	I					
NV04	NV04-HR-70_00	Sonoma Creek	1446	10.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-72_00	Talbot Creek	1506	11.3	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-78_00	Thorpe Creek	1506	14.0	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-81_00	Rye Patch Reservoir	1448	16,001	Acres	Lake/Res	5	N	N	F	N	N	F	N	F	F					
NV04	NV04-HR-83_00	Willow Creek	1516	15.0	Miles	Stream	2	F		F	X	F	F	X	X	X					
NV04	NV04-HR-88_00	Rochester Canyon Creek	1448	6.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-HR-89_00	Trout Creek	1442	8.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-HR-92_00	Simon Creek	1494	9.0	Miles	Stream	2	F		F	F	F	X	X	X	F					
NV04	NV04-HR-94_00	Willow Creek	1436	10.9	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-HR-95_00	Woodruff Creek	1438	8.2	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-HR-96_00	Cole Creek	1442	5.4	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-LH-101_00	Sheep Creek	1476	4.3	Miles	Stream	2	F		X	X	X	X	X	X	X					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV04	NV04-LH-120_00	Coleman Creek	1468	6.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-LH-164_00	Abel Creek	1468	7.1	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-LH-167_00	Indian Creek	1468	16.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-168_00	Big Cottonwood Creek	1468	38.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-191_00	Goosey Lake Creek	1472	8.6	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-LH-192_00	Snowstorm Creek	1476	6.5	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-LH-194_00	Pole Creek	1476	3.7	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-LH-45-A_00	Little Humboldt River, North Fork at the national forest boundary	1472	13.2	Miles	Stream	5	N	N	F	F	F	F	F	F	F					
NV04	NV04-LH-46-B_00	Little Humboldt River, North Fork at the South Fork of the Little Humboldt River	1474	35.2	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-LH-47-C_00	Little Humboldt River	1468	55.8	Miles	Stream	5	N		F	N	N	F	N	F	F					
NV04	NV04-LH-48-A_00	Little Humboldt River, South Fork at the Elko-Humboldt county line	1476	26.0	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-LH-49-B_00	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	1478	15.4	Miles	Stream	5	F		F	N	F	F	F	F	F					
NV04	NV04-LH-50-A_00	Martin Creek at the national forest boundary	1534	13.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-51-B_00	Martin Creek below the national forest boundary	1536	13.2	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV04	NV04-LH-52-A_00	Dutch John Creek	1538	11.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-61_00	Cabin Creek	1534	5.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-64_00	Lye Creek	1538	3.7	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-LH-65_00	Road Creek	1538	4.9	Miles	Stream	5	N		F	F	F	F	F	F	X					
NV04	NV04-LH-68_00	Singas Creek	1468	5.4	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-LH-71_00	Stone House Creek	1468	5.5	Miles	Stream	2	F		I	F	F	F	F	I	I					
NV04	NV04-LH-95-B_00	Chimney Reservoir	1474	2,177	Acres	Lake/Res	5	N	N	F	N	N	F	N	F	N					
NV04	NV04-LH-99_00	Secret Creek	1476	3.4	Miles	Stream	5	N		I	I	I	F	F	I	I					
NV04	NV04-MR-09-A_00	Marys River, upper	1482	26.8	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-MR-104_00	Conners Creek	1484	6.5	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-MR-10-B_00	Marys River at the Humboldt River	1484	66.2	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-MR-115_00	Pole Creek	1484	14.6	Miles	Stream	2	F		I	I	I	F	F	I	I					
NV04	NV04-MR-11-A_00	Tabor Creek	1486	12.0	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-MR-121_00	T Creek	1484	21.9	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-MR-132_00	Tabor Creek	1486	16.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-MR-193_00	West Marys River	1482	3.4	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-MR-195_00	Wildcat Creek	1484	12.4	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-MR-196_00	Draw Creek	1484	5.6	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-MR-98_00	Hanks Creek	1484	15.9	Miles	Stream	4a	N		X	X	X	X	X	X	X					
NV04	NV04-NF-105_00	Cottonwood Creek	1462	9.2	Miles	Stream	2	F		I	I	I	F	F	I	I					
NV04	NV04-NF-106_00	Dorsey Creek	1458	6.9	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-NF-114_00	Pie Creek	1458	22.2	Miles	Stream	5	N		I	I	I	I	I	I	I					
NV04	NV04-NF-119_00	Willow Creek	1458	10.0	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-NF-124_00	Beadles Creek - Humboldt River, North Fork and tributaries at the national forest boundary	1456	1.9	Miles	Stream	2	F		F	X	F	X	X	X	X					
NV04	NV04-NF-125_00	Water Canyon Creek - Humboldt River, North Fork and tributaries at the national forest boundary	1456	0.34	Miles	Stream	5	N		F	F	N	F	I	I	F					
NV04	NV04-NF-126_01	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary	1456	0.63	Miles	Stream	2	F		F	I	F	I	I	I	I					
NV04	NV04-NF-126_02	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary	1456	0.64	Miles	Stream	5	N		F	F	N	X	X	X	F					
NV04	NV04-NF-127_00	Dry Creek - Humboldt River, North Fork and tributaries at the national forest boundary	1456	0.15	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV04	NV04-NF-128_00	Cole Canyon Creek (N.F. Humboldt River & Tributaries)	1456	2.4	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-NF-129_00	Mikes Creek (N.F. Humboldt River & Tributaries)	1456	1.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-NF-130_00	Fry Creek (N.F. Humboldt River & Tributaries)	1456	0.67	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-NF-133_00	Winters Creek	1458	4.5	Miles	Stream	1	F		F	F	F	F	F	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV04	NV04-NF-134_00	Foreman Creek	1458	15.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-NF-135_00	Stump Creek	1458	6.1	Miles	Stream	2	F		X	X	F	X	X	X	X					
NV04	NV04-NF-136_00	Road Canyon Creek	1458	1.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-NF-137_00	Gance Creek	1458	18.0	Miles	Stream	5	N		I	I	I	I	I	I	I					
NV04	NV04-NF-138_00	McClellan Creek	1458	5.6	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-NF-142_00	Cabin Creek	1458	5.5	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-NF-16-A_01	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary	1456	0.9	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-NF-16-A_02	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary	1456	1.7	Miles	Stream	5	N		F	N	N	I	I	I	F					
NV04	NV04-NF-16-A_03	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary	1456	2.3	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-NF-17-B_00	Humboldt River, North Fork at Beaver Creek	1458	41.6	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-NF-56-B_00	Humboldt River, North Fork at the Humboldt River	1462	44.5	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-NF-75_00	Beaver Creek	1458	4.4	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-NF-76_00	Beaver Creek, East Fork	1458	20.0	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-NF-77_00	Beaver Creek, West Fork	1458	28.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-NF-93_00	Sheep Creek	1458	9.9	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV04	NV04-NF-97_00	Indian Creek	1462	10.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-RR-158_00	Little Sawmill Creek	1556	4.1	Miles	Stream	5	N		X	X	X	X	X	X	X					
NV04	NV04-RR-159_00	Big Sawmill Creek	1556	5.8	Miles	Stream	2	F		X	X	X	X	X	X	X					
NV04	NV04-RR-160_00	Stewart Creek	1558	10.9	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-RR-169_00	Cottonwood Creek	1558	9.9	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-RR-172_00	Mohawk Creek	1558	9.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-RR-174_00	Marysville Creek	1558	7.2	Miles	Stream	5	F		F	F	F	F	N	F	F					
NV04	NV04-RR-201_00	Indian Creek	1556	12.4	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-RR-37-A_00	Reese River at Indian Creek	1556	15.2	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-RR-38-B_00	Reese River at State Route 722	1558	35.1	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV04	NV04-RR-39-C_00	Reese River below State Route 722	1562	148	Miles	Stream	5	F		F	N	F	F	F	F	F					
NV04	NV04-RR-40-A_00	San Juan Creek	1564	5.8	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-RR-41-A_00	Big Creek at the forest service campground	1566	4.5	Miles	Stream	2	F		F	X	X	X	X	X	X					
NV04	NV04-RR-42-B_00	Big Creek below the forest service campground	1568	2.4	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV04	NV04-RR-43-A_00	Mill Creek	1572	14.5	Miles	Stream	5	N		F	F	F	F	N	X	F					
NV04	NV04-RR-44-A_00	Lewis Creek	1574	4.0	Miles	Stream	2	F		F	F	F	F	I	I	F					
NV04	NV04-RR-80_00	Washington Creek	1558	10.8	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-RR-84_00	Long Canyon Creek	1562	6.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-RR-85_00	Licking Creek	1562	2.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-RR-86_00	Galena Canyon	1562	4.6	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-RR-87_00	Butte Creek	1562	1.5	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-RR-90_00	Little Cottonwood Creek	1562	8.9	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV04	NV04-SF-102_00	Brown Creek	1544	6.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-SF-109_00	Frost Creek	1544	6.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-SF-110_00	Indian Creek	1544	9.9	Miles	Stream	2	F		F	I	I	F	I	I	I					
NV04	NV04-SF-112_00	Little Porter Creek	1544	10.0	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-SF-113_00	Pearl Creek	1544	12.6	Miles	Stream	5	N		X	X	F	X	X	X	X					
NV04	NV04-SF-116_00	Robinson Creek	1544	15.3	Miles	Stream	5	N		F	I	F	I	I	I	I					
NV04	NV04-SF-117_00	Robinson Creek, South Fork	1544	10.3	Miles	Stream	2	F		F	I	I	I	I	I	I					
NV04	NV04-SF-131_00	Tenmile Creek	1466	16.3	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-SF-146_00	Spring Creek	1466	5.8	Miles	Stream	2	F		I	I	I	F	F	I	I					
NV04	NV04-SF-18-A_00	Humboldt River, South Fork at South Fork Reservoir, including tributaries above Lee	1464	53.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV04	NV04-SF-19-B_02	Humboldt River, South Fork at the Humboldt River	1466	16.4	Miles	Stream	5	F	N	F	F	N	F	F	F	F					
NV04	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	1542	16.4	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-SF-21-B_00	Huntington Creek at Smith Creek	1544	31.6	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-SF-22-A_00	Green Mountain Creek at Toyn Creek	1548	5.7	Miles	Stream	5	N		F	F	F	F	F	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV04	NV04-SF-23-B_00	Toyn Creek at Corral Creek	1552	1.3	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-SF-24-A_00	Toyn Creek at Green Mountain Creek	1554	6.4	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV04	NV04-SF-57-B_00	Huntington Creek at the South Fork of the Humboldt River	1546	12.8	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV04	NV04-SF-62_00	Dixie Creek	1466	24.2	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV04	NV04-SF-82_00	South Fork Reservoir	1465	1,611	Acres	Lake/Res	5	N	N	F	F	F	F	N	F	F					
NV06	NV06-SC-101_00	Unnamed Creek north of Dry Creek	1726	4.0	Miles	Stream	3	I		I	I		I		I	I					
NV06	NV06-SC-110_00	Jones Creek	1752	4.6	Miles	Stream	2	F		I	F	F	F	I	X	F					
NV06	NV06-SC-40-C_00	Washoe Lakes	1722	5,545	Acres	Lake/Res	5	N	N	F	F	N	F	F	F	F					
NV06	NV06-SC-41-C_00	Steamboat Creek at the gaging station	1724	5.4	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV06	NV06-SC-42-D_00	Steamboat Creek at the Truckee River	1726	12.5	Miles	Stream	5	N		F	N		F	N	F	N				N	
NV06	NV06-SC-43-A_00	Franktown Creek, upper	1728	7.2	Miles	Stream	5	N			I	I	I	I	I	I					
NV06	NV06-SC-44-B_01	Hobart Creek - Hobart Reservoir and tributaries	1734	1.2	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV06	NV06-SC-44-B_02	Hobart Reservoir and tributaries	1734	14.8	Acres	Lake/Res	3	I		I	I	I	I	I	I	I					
NV06	NV06-SC-45-B_00	Franktown Creek at Washoe Lake	1732	1.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-46-A_00	Ophir Creek at State Route 429	1736	5.7	Miles	Stream	1	F			F	F	F	F	F	F					
NV06	NV06-SC-47-B_00	Ophir Creek	1738	0.96	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV06	NV06-SC-48-A_00	Price Lakes	1742	4.0	Acres	Lake/Res	3	X			X	X	X	X	X	X					
NV06	NV06-SC-49-B_00	Davis Lake	1744	3.1	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-50-A_00	Galena Creek	1746	4.5	Miles	Stream	3	X			X	X	X	X	X	X					
NV06	NV06-SC-51-B_00	Galena Creek, middle	1748	3.8	Miles	Stream	5	N		I	F	F	I	I	F	F					
NV06	NV06-SC-52-C_00	Galena Creek at Steamboat Creek	1752	3.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-53-A_00	Whites Creek, upper	1754	8.7	Miles	Stream	5	N			F	F	F	F	F	F					
NV06	NV06-SC-54-B_00	Whites Creek at Steamboat Ditch	1756	5.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-55-A_00	Thomas Creek	1726	4.8	Miles	Stream	5	N		F	F		F	F	F	F					
NV06	NV06-SC-56-B_00	Thomas Creek	1726	4.1	Miles	Stream	5	F		F	F		F	N	F	F					
NV06	NV06-SC-59-A_00	Browns Creek	1724	3.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-61_00	Evans Creek	1726	8.6	Miles	Stream	2	F		I	I		I	I	I	I					
NV06	NV06-SC-62_00	Evans Creek	1726	0.76	Miles	Stream	5	F		F	F		I	N	I	F					
NV06	NV06-SC-63-B_01	Whites Creek, North Fork - Whites Creek at Steamboat Creek	1758	3.2	Miles	Stream	5	F		F	F	F	F	N	I	F					
NV06	NV06-SC-63-B_02	Whites Creek, South Fork - Whites Creek at Steamboat Creek	1758	2.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-63-B_03	Whites Creek, Middle Fork - Whites Creek at Steamboat Creek	1758	2.0	Miles	Stream	5	N		F	N	F	F	N	F	F					
NV06	NV06-SC-64_00	Thomas Creek	1726	5.6	Miles	Stream	5	N		F	N		F	F	F	N					
NV06	NV06-SC-68_00	Davis Creek	1744	2.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-69_00	Dry Creek	1726	8.3	Miles	Stream	5	F		F	F		F	N	I	F					
NV06	NV06-SC-70_00	Lewers Creek	1722	2.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV06	NV06-SC-71_00	Musgrove Creek	1722	4.0	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-74_00	Winters Creek	1722	3.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-SC-79_00	Virginia Lake	1726	19.7	Acres	Lake/Res	1	F		F	F		F	F	F	F					
NV06	NV06-SC-83_00	Alexander Lake	1726	53.8	Acres	Lake/Res	3	X		X	X		X		X	X					
NV06	NV06-SC-98_00	McEwen Creek	1722	3.8	Miles	Stream	2	F		I	I	I	I	F	I	I					
NV06	NV06-TB-08_00	Lake Tahoe	1626	122,902	Acres	Lake/Res	4a	F		F	F	F	F	F	F	F	N				
NV06	NV06-TB-09_00	First Creek at Dale and Knotty Pine Drives	1652	1.3	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-10_00	Second Creek at Second Creek Drive	1646	1.9	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-103_00	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek.	1636	0.53	Miles	Stream	3	I		I	I	I	I	I	I	I		X			
NV06	NV06-TB-104_00	Unnamed Tributary to Incline Creek, East Fork	1632	1.3	Miles	Stream	3	I		I	I	I	I	I	I	I		X			
NV06	NV06-TB-105_00	Unnamed Tributary to Incline Creek @ Tyrolian Viilage - Lake Tahoe Tributaries	1632	1.2	Miles	Stream	5	N		X	F	F	X	N	X	F		X			
NV06	NV06-TB-106_00	Unnamed Creek near Diamond Peak	1632	1.3	Miles	Stream	5	N		F	F	F	F	N	X	F		X			
NV06	NV06-TB-107_00	Unnamed Tributary at South end of Marlette Lake - Lake Tahoe Tributaries	1628	0.23	Miles	Stream	3	I		I	I	I	I	I	I	I		X			
NV06	NV06-TB-108_00	Unnamed Tributary to Edgewood Creek - Lake Tahoe Tributaries	1628	0.85	Miles	Stream	3	I		I	I	I	I	I	I	I		X			

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV06	NV06-TB-11_00	Wood Creek	1644	4.1	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-12_00	Third Creek, East Fork; Third Creek, West Fork; and Third Creek.	1642	4.6	Miles	Stream	5	N		F	F	N	F	F	F	F		X			
NV06	NV06-TB-13_00	Third Creek, East Fork at State Highway 431	1638	4.2	Miles	Stream	5	N		F	F	F	F	F	F	F		X			
NV06	NV06-TB-14_00	Incline Creek, West Fork at State Highway 431	1634	0.97	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-15_00	Incline Creek, East Fork at the ski resort	1632	3.6	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-16_00	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek.	1636	3.8	Miles	Stream	5	N		F	F	N	F	N	F	F		X			
NV06	NV06-TB-17_00	Mill Creek - Lake Tahoe Tributaries	1628	1.6	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-18_00	Tunnel Creek	1628	1.8	Miles	Stream	3	X		X	X	X	X	X	X	X		X			
NV06	NV06-TB-19_00	Marlette Lake - Lake Tahoe Tributaries	1628	349	Acres	Lake/Res	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-20_00	Marlette Creek - Lake Tahoe Tributaries	1628	1.9	Miles	Stream	5	N		F	F	N	F	N	F	F		X			
NV06	NV06-TB-20_01	Unnamed Tributary to Marlette Creek	1628	2.0	Miles	Stream	3	I		I	I	I	I	I	I	I		X			
NV06	NV06-TB-21_00	Secret Harbor Creek - Lake Tahoe Tributaries	1628	3.1	Miles	Stream	2	I		I	F	F	I	I	F	F		X			
NV06	NV06-TB-22_00	North Canyon Creek - Lake Tahoe Tributaries	1628	5.5	Miles	Stream	5	N		F	F	F	F	F	F	F		X			
NV06	NV06-TB-23_00	Bliss Creek - Lake Tahoe Tributaries	1628	1.4	Miles	Stream	3	X		X	X	X	X	X	X	X		X			
NV06	NV06-TB-24_00	Slaughter-House Canyon Creek - Lake Tahoe Tributaries	1628	2.0	Miles	Stream	3	X		X	X	X	X	X	X	X		X			
NV06	NV06-TB-25_00	Spooner Lake - Lake Tahoe Tributaries	1628	86.5	Acres	Lake/Res	5	N		I	F	F	I	I	I	F		X			
NV06	NV06-TB-26_00	Glenbrook Creek	1656	3.7	Miles	Stream	5	N		F	N	N	F	N	F	F		X			
NV06	NV06-TB-27_00	North Logan House Creek - Lake Tahoe Tributaries	1658	2.2	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-28_00	Logan House Creek	1658	3.1	Miles	Stream	5	F		F	F	N	F	F	F	F		X			
NV06	NV06-TB-28_01	Unnamed tributary to Logan House Creek	1658	1.5	Miles	Stream	3	I		X	X	X	I	I	X	X		X			
NV06	NV06-TB-29_00	Lincoln Creek	1628	5.3	Miles	Stream	3	X		X	X	X	X	X	X	X		X			
NV06	NV06-TB-30_00	Zephyr Creek - Lake Tahoe Tributaries	1628	5.5	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-31_00	Burke Creek - Lake Tahoe Tributaries	1628	4.0	Miles	Stream	1	F		F	F	F	F	F	F	F		X			
NV06	NV06-TB-32_00	McFaul Creek	1628	6.3	Miles	Stream	3	X		X	X	X	X	X	X	X		X			
NV06	NV06-TB-33_00	Edgewood Creek at Palisades Drive	1664	1.3	Miles	Stream	5	N		F	F	N	F	N	F	F		X			
NV06	NV06-TB-34_00	Eagle Rock Creek	1662	1.4	Miles	Stream	5	N		F	F	F	F	N	F	F		X			
NV06	NV06-TB-84_00	First Creek at Lakeshore Drive	1654	0.48	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-85_00	Second Creek at Lakeshore Drive	1648	0.54	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TB-86_00	Edgewood Creek at Stateline	1666	2.3	Miles	Stream	1	F		F	F	F	F	F	F	F		F			
NV06	NV06-TR-01_00	Truckee River at the state line	1682	0.02	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV06	NV06-TR-02_00	Truckee River at Idlewild	1684	15.9	Miles	Stream	5	F		F	F	N	F	F	F	F					
NV06	NV06-TR-03_00	Truckee River at East McCarran	1686	5.5	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV06	NV06-TR-04_00	Truckee River at Lockwood Bridge	1688	6.3	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV06	NV06-TR-05_00	Truckee River at Derby Dam	1692	14.4	Miles	Stream	5	N		F	N	N	F	N	F	F					
NV06	NV06-TR-06_00	Truckee River at the Pyramid Lake Paiute Reservation	1694	9.3	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV06	NV06-TR-100_00	Dog Creek	1684	0.54	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV06	NV06-TR-35_00	Gray Creek	1702	8.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-TR-36_00	Bronco Creek	1698	6.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-TR-37-A_00	Hunter Creek	1704	2.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV06	NV06-TR-38-A_00	Hunter Lake	1706	0.55	Acres	Lake/Res	3	X			X	X	X	X	X	X					
NV06	NV06-TR-39-B_00	Hunter Creek at the Truckee River	1708	6.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV06	NV06-TR-57-D_00	Lagomarsino Creek (Long Valley Creek)	1762	19.6	Miles	Stream	5	N		F	N		F	F	F	F					
NV06	NV06-TR-58-C_00	Tracy Pond	1764	32.7	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV06	NV06-TR-65_00	Sparks Marina	1688	72.7	Acres	Lake/Res	5	N		F	N	N	F	N	F	F					
NV06	NV06-TR-76_00	Alum Creek	1684	5.3	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV06	NV06-TR-77_00	Chalk Creek	1684	4.1	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV06	NV06-TR-80_00	Perry Canyon Creek	1694	5.7	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV06	NV06-TR-82_00	Cottonwood Creek	1694	19.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV06	NV06-TR-89_00	Bull Ranch Creek	1684	6.5	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV06	NV06-TR-90_00	Lousetown Creek	1762	10.1	Miles	Stream	3	X		X	X		X	X	X	X					
NV08	NV08-CR-01_00	Carson River, West Fork at the state line	1796	0.02	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV08	NV08-CR-02_00	Bryant Creek near the state line	1798	3.7	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV08	NV08-CR-03_00	Carson River, East Fork at the state line	1802	0.02	Miles	Stream	5	N		F	F	F	F	F	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV08	NV08-CR-04_00	Carson River, East Fork at US Highway 395 south of Gardnerville	1804	9.2	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV08	NV08-CR-05_01	Carson River, East Fork at Muller Lane	1806	6.5	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV08	NV08-CR-05_02	Carson River, East Fork at the West Fork	1806	2.1	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV08	NV08-CR-06_01	Carson River, West Fork at Genoa Lane	1808	11.3	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV08	NV08-CR-06_02	Carson River, East Fork at Genoa Lane	1808	4.3	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV08	NV08-CR-07_00	Carson River at Cradlebaugh Bridge	1812	4.6	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV08	NV08-CR-08_00	Carson River at the Mexican Ditch Gage	1814	7.4	Miles	Stream	5	N		F	N	N	F	N	F	F					
NV08	NV08-CR-09_00	Carson River near New Empire	1816	7.0	Miles	Stream	5	N	N	F	F	N	F	N	F	F					
NV08	NV08-CR-10_00	Carson River at Dayton Bridge	1818	10.4	Miles	Stream	5	N	N	F	F	F	F	N	F	F					
NV08	NV08-CR-11_00	Carson River at Lahontan Reservoir	1822	25.8	Miles	Stream	5	N	N	F	N	N	F	N	F	F					
NV08	NV08-CR-13-C_01	Lower Carson River	1826	6.3	Miles	Stream	5	N	N	F	F	N	F	F	F	F					
NV08	NV08-CR-13-C_02	Carson River, Lower	1826	39.9	Miles	Stream	5	N	N	F	N	F	F	F	F	F					
NV08	NV08-CR-14-A_00	Daggett Creek	1828	3.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV08	NV08-CR-15-A_00	Genoa Creek	1832	2.3	Miles	Stream	3	X			X	X	X	X	X	X					
NV08	NV08-CR-16-A_00	Sierra Canyon Creek	1834	3.2	Miles	Stream	3	X			X	X	X	X	X	X					
NV08	NV08-CR-17-A_00	Clear Creek at the gaging station	1836	7.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV08	NV08-CR-18-B_00	Clear Creek at the Carson River	1838	3.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV08	NV08-CR-19-A_00	Kings Canyon	1842	3.3	Miles	Stream	3	I			I	I	I	I	I	I					
NV08	NV08-CR-20-A_00	Ash Canyon	1844	5.6	Miles	Stream	5	N			F	F	F	F	F	F					
NV08	NV08-CR-21-C_00	V-Line Canal	1846	10.1	Miles	Stream	5	N	N	F	F	F	F	F	F	F					
NV08	NV08-CR-22-C_00	Rattlesnake Reservoir	1848	405	Acres	Lake/Res	5	N	N	F	F	F	F	F	F	F					
NV08	NV08-CR-23-C_00	Indian Lakes	1852	655	Acres	Wetland	5	N	N	X	F	F	F	F	F	F					
NV08	NV08-CR-24-C_00	Diagonal Drain	1854	13.4	Miles	Stream	5	N	N	F	N	N	F	F	F	F					
NV08	NV08-CR-25-C_00	South Carson Lake	1856	2,583	Acres	Wetland	5	N	N	X	X	X	X	X	X	X					
NV08	NV08-CR-26-C_00	Harmon Reservoir	1858	47.8	Acres	Lake/Res	5	N	N	F	F	F	F	F	F	F					
NV08	NV08-CR-27-C_00	Stillwater Marsh east of Westside Road	1862	25,996	Acres	Wetland	5	N	N	I	N	I	I	I	I	I					
NV08	NV08-CR-28-D_00	Stillwater Marsh west of Westside Road	1864	1,913	Acres	Wetland	5	N	N	F	F		F		F	F					
NV08	NV08-CR-29_00	Brockliss Slough, including East and West Branches	1812	16.2	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV08	NV08-CR-32_00	Indian Creek	1806	5.3	Miles	Stream	5	N		F	F	F	F	N	F	F					
NV08	NV08-CR-34_00	Ambrosetti Creek	1812	0.23	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-45_00	Vicee Canyon Creek	1816	2.9	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV08	NV08-CR-46_00	Lahontan Reservoir	1824	14,178	Acres	Lake/Res	5	N	N	F	N	F	F	F	F	F					
NV08	NV08-CR-47_00	Ambrosetti Pond	1812	26.5	Acres	Lake/Res	5	N		F	I	F	F	N	I	I					
NV08	NV08-CR-48_00	All stream/rivers below Lahontan Dam in Lahontan Valley	1826	75.0	Miles	Stream	5	I	N	I	I	I	I	I	I	I					
NV08	NV08-CR-49_00	All lakes, reservoirs, and wetlands below Lahontan Dam	N/A	1,077	Acres	Wetland	5		N												
NV08	NV08-CR-50_00	Ash Canyon Tributary	1844	1.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV08	NV08-CR-51_00	Kings Canyon Creek, North Fork	1842	2.7	Miles	Stream	1	F			F	F	F	F	F	F					
NV08	NV08-CR-52_00	Clear Creek Tributary	1836	2.5	Miles	Stream	2	F			F	I	F	F	I	I					
NV08	NV08-CR-53_00	Virginia Creek (Six Mile Canyon)	1822	5.5	Miles	Stream	5	F		I	F	N	F	I	I	I					
NV08	NV08-CR-53_01	Bonanza Creek	1822	1.5	Miles	Stream	5	N		F	F	N	F	I	I	F					
NV08	NV08-CR-54_00	Daggett Creek, South Fork	1828	2.6	Miles	Stream	3	X			X	X	X	X	X	X					
NV08	NV08-CR-55_00	Corsser Creek	1828	1.7	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-56_00	Mott Creek	1828	3.2	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-57_00	Monument Creek	1828	3.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-58_00	Sheridan Creek	1828	1.8	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-59_00	Barber Creek	1828	2.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV08	NV08-CR-60_00	Pine Nut Creek	1806	16.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV09	NV09-WR-01_00	Walker River, West Fork at the state line	1886	0.02	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV09	NV09-WR-02_00	Topaz Lake	1888	987	Acres	Lake/Res	5	F	N	F	F	F	F	F	F	F					
NV09	NV09-WR-03_00	Walker River, West Fork near Wellington	1892	16.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV09	NV09-WR-04_00	Walker River, West Fork at the East Fork of the Walker River	1894	25.3	Miles	Stream	5	N		F	F	N	F	N	F	F					
NV09	NV09-WR-05_00	Sweetwater Creek	1896	8.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV09	NV09-WR-06_00	Walker River, East Fork at the state line	1898	0.02	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV09	NV09-WR-07_00	Walker River, East Fork at Bridge B-1475	1902	23.0	Miles	Stream	5	N	N	F	F	F	F	N	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV09	NV09-WR-08_00	Walker River, East Fork at the West Fork of the Walker River	1904	41.1	Miles	Stream	5	N		F	N	N	F	N	F	F					
NV09	NV09-WR-09_00	Walker River at the Walker River Indian Reservation	1906	23.6	Miles	Stream	5	N		F	F	N	F	F	F	F					
NV09	NV09-WR-10_00	Walker River at Walker Lake	1908	0.09	Miles	Stream	5	N		X	N	N	X	N	X	X					
NV09	NV09-WR-11_00	Walker Lake	1914	35,521	Acres	Lake/Res	5	N					F	F	F						
NV09	NV09-WR-12_00	Desert Creek	1916	17.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV09	NV09-WR-13-C_01	North Pond - Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough	1918	157	Acres	Wetland	5	N		X	N	N	X	F	F	N					
NV09	NV09-WR-13-C_02	Mason Valley Wildlife Area (Hinkson Slough)	1918	25.9	Acres	Wetland	3	I		I	I	I	I	I	I	I					
NV09	NV09-WR-13-C_03	Mason Valley Wildlife Area (Bass Pond)	1918	52.9	Acres	Wetland	3	I		I	I	I	I	I	I	I					
NV09	NV09-WR-13-C_04	Mason Valley Wildlife Area (Crappie Pond)	1918	14.1	Acres	Wetland	3	I		I	I	I	I	I	I	I					
NV09	NV09-WR-15-A_00	Cottonwood Creek	1926	10.9	Miles	Stream	3	X			X	X	X	X	X	X					
NV09	NV09-WR-16-A_00	Squaw Creek	1928	3.0	Miles	Stream	3	X			X	X	X	X	X	X					
NV09	NV09-WR-17-A_00	Rose Creek	1932	4.8	Miles	Stream	3	X			X	X	X	X	X	X					
NV09	NV09-WR-18-A_00	Corey Creek	1934	8.9	Miles	Stream	5	N			F	N	F	N	F	F					
NV09	NV09-WR-19_00	Rough Creek	1902	7.5	Miles	Stream	5	N	N	F	F	F	F	N	F	F					
NV09	NV09-WR-20_00	Rough Creek	1902	6.3	Miles	Stream	5	N		X	F	F	X	N	X	F					
NV09	NV09-WR-21_00	Bodie Creek	1902	10.5	Miles	Stream	5	N	N	F	F	F	F	N	F	F					
NV09	NV09-WR-23-C_00	Mason Valley Wildlife Area	1922	644	Acres	Wetland	3	X		X	X	X	X	X	X	X					
NV09	NV09-WR-26_00	Red Canyon Creek	1894	10.2	Miles	Stream	2	F		F	I	F	I	F	I	I					
NV10	NV10-CE-01_00	Chiatovich Creek	1956	13.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-02_00	Indian Creek	1958	2.6	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-03_00	Leidy Creek	1962	1.5	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-04-C_00	Fish Lake	1964	7.2	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV10	NV10-CE-05-A_00	Star Creek	1966	4.3	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-06-B_00	Willow Creek Reservoir	1968	32.4	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV10	NV10-CE-07-A_00	Peavine Creek	1972	21.4	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-08-A_00	Jett Creek	1974	11.1	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-09-A_00	Twin River, South Fork	1976	8.6	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-10-A_00	Twin River, North Fork	1978	8.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-11-A_00	Kingston Creek at Groves Lake	1982	5.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-12-B_00	Groves Lake	1984	14.3	Acres	Lake/Res	2	F		F	I	I	I	F	I	I					
NV10	NV10-CE-13-B_00	Kingston Creek below Groves Lake	1986	9.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-16-A_00	Skull Creek	1994	8.7	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-17-A_00	Steiner Creek	1996	6.0	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-18-A_00	Pine Creek (Nye County)	1998	9.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-19-A_00	Barley Creek	2002	17.2	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-20-A_00	Mosquito Creek	2004	8.3	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-21-A_00	Stoneberger Creek	2006	10.8	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-22-A_00	Roberts Creek at Roberts Creek Reservoir	2008	7.9	Miles	Stream	2	F			F	F	F	F	X	F					
NV10	NV10-CE-23-B_00	Roberts Creek below Roberts Creek Reservoir	2012	15.9	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV10	NV10-CE-24-B_00	Fish Springs Pond	2014	3.5	Acres	Lake/Res	3	X		X	X	X	X	X	X	X					
NV10	NV10-CE-25-B_00	Illipah Reservoir	2016	4.8	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-26-B_00	Ruby Marsh	2018	14,928	Acres	Wetland	5	N	N	F	F	F	F	F	F	F					
NV10	NV10-CE-27-A_00	Angel Lake	2022	11.9	Acres	Lake/Res	5	N			F	F	F	F	F	F					
NV10	NV10-CE-28-A_00	Pole Canyon Creek	2024	5.0	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-29-A_00	Goshute Creek	2026	5.3	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-30-C_00	Gleason Creek at State Highway 485	2028	14.3	Miles	Stream	5	N		I	I	I	X	I	X	I					
NV10	NV10-CE-31-D_00	Gleason Creek at Murry Creek	2032	4.9	Miles	Stream	5	N		I	I		I		I	I					
NV10	NV10-CE-32-D_01	Murry Creek	2034	2.8	Miles	Stream	1	F		F	F		F	F	F	F					
NV10	NV10-CE-32-D_02	Murry Creek	2035	1.2	Miles	Stream	3	I		I	I		I		I	I					
NV10	NV10-CE-33-C_00	Comins Reservoir	2036	136	Acres	Lake/Res	5	F	N	F	F	F	X	X	F	F					
NV10	NV10-CE-34-A_00	North Creek	2038	5.0	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-35-A_00	East Creek	2042	3.2	Miles	Stream	5	F			F	F	F	N	F	F					
NV10	NV10-CE-36-A_00	Bird Creek	2044	1.7	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-37-A_00	Timber Creek	2046	2.9	Miles	Stream	5	N			F	F	F	F	F	F					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV10	NV10-CE-38-A_00	Berry Creek	2048	8.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-39-A_00	Duck Creek	2052	13.2	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-40-A_00	Cleve Creek	2054	8.2	Miles	Stream	5	N			F	F	F	F	F	F					
NV10	NV10-CE-41-A_00	Cave Creek	2056	4.5	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-42-B_00	Cave Lake	2058	17.9	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-43-A_00	Pine Creek (White Pine County)	2062	1.7	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-44-A_00	Ridge Creek	2064	1.5	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-45-A_00	Currant Creek at the national forest boundary	2066	10.3	Miles	Stream	2	F			X	X	X	X	X	X					
NV10	NV10-CE-46-B_00	Currant Creek at Currant	2068	6.7	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV10	NV10-CE-47_00	Allison Creek	2012	17.3	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-48_00	Big Den Creek	N/A	5.3	Miles	Stream	3														
NV10	NV10-CE-49_00	Cherry Creek	N/A	7.5	Miles	Stream	3														
NV10	NV10-CE-50_00	Cherry Creek	N/A	7.9	Miles	Stream	3														
NV10	NV10-CE-51_00	Clear Creek	N/A	7.6	Miles	Stream	3														
NV10	NV10-CE-52_00	Cold Creek	N/A	4.3	Miles	Stream	3														
NV10	NV10-CE-53_00	Cottonwood Creek	2002	10.1	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-54_00	Coyote Canyon Creek	1966	2.9	Miles	Stream	2	F			I	F	F	F	I	I					
NV10	NV10-CE-55_00	Edwards Creek	N/A	8.9	Miles	Stream	3														
NV10	NV10-CE-56_00	Horse Creek	N/A	6.5	Miles	Stream	3														
NV10	NV10-CE-57_00	Illipah Creek	2016	10.0	Miles	Stream	5	N		I	F	I	I	F	F	I					
NV10	NV10-CE-58_00	Kalamazoo Creek	2054	5.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-59_00	Mayhew Creek	2018	7.4	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-60_00	Cottonwood Creek	N/A	12.7	Miles	Stream	3														
NV10	NV10-CE-61_00	Ophir Creek	1978	0.47	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-62_00	Perry Akin Creek	1964	2.2	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV10	NV10-CE-63_00	Pine Creek	N/A	6.0	Miles	Stream	3														
NV10	NV10-CE-64_00	Steptoe Creek	2058	9.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-65_00	Steptoe Creek below Highway 486	2058	3.1	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV10	NV10-CE-66_00	Trail Canyon Creek	1956	10.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-67_00	Buena Vista Creek (Union Creek)	1966	4.5	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-68_00	Willow Creek (Desatoya Mountains)	N/A	8.6	Miles	Stream	3														
NV10	NV10-CE-69_00	Willow Creek (Mt. Charleston)	N/A	5.6	Miles	Stream	3														
NV10	NV10-CE-70_00	Wisconsin Creek	1978	4.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-71_00	Bassett Lake	2034	204	Acres	Lake/Res	2	F		I	I		F	I	I	I					
NV10	NV10-CE-72_00	Angel Creek	2022	1.1	Miles	Stream	1	F			F	F	F	F	F	F					
NV10	NV10-CE-73_00	Freeman Creek	N/A	2.9	Miles	Stream	3														
NV10	NV10-CE-74_00	Morgan Creek	2004	7.3	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-75_00	Duckwater Creek	2068	3.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV10	NV10-CE-76_00	Overland Creek	2018	13.6	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV10	NV10-CE-76_01	Overland Lake	2018	11.0	Acres	Lake/Res	5	X	N	X	X	X	X	X	X	X					
NV10	NV10-CE-77_00	Smith Creek	2018	3.9	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV10	NV10-CE-78_00	Rattlesnake Canyon Creek	N/A	1.5	Miles	Stream	3														
NV10	NV10-CE-79_00	East Squaw Creek	N/A	3.8	Miles	Stream	3														
NV10	NV10-CE-80_00	Odgers Creek	2054	2.9	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-81_00	Cleve Creek Lower	2054	3.2	Miles	Stream	2	F			I	I	I	I	I	I					
NV10	NV10-CE-82_00	Shingle Creek	2062	3.3	Miles	Stream	2	F			X	X	X	X	X	X					
NV10	NV10-CE-83_00	Williams Canyon Creek	2062	3.5	Miles	Stream	2	F			X	X	X	X	X	X					
NV10	NV10-CE-84_00	Wilson Canyon	1966	2.9	Miles	Stream	3	X			X	X	X	X	X	X					
NV10	NV10-CE-85_00	Unnamed Creek near Cave Lake	2058	3.5	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV10	NV10-CE-86_00	Monitor Canyon Creek	1966	1.1	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-87_00	Warm Springs Pond	N/A	16.0	Acres	Wetland	5		N												
NV10	NV10-CE-88_00	Cottonwood Canyon Creek	N/A	9.2	Miles	Stream	3														
NV10	NV10-CE-89_00	Coils Creek	2012	35.5	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV10	NV10-CE-90_00	Summit Creek	1978	4.2	Miles	Stream	3	I			I	I	I	I	I	I					
NV10	NV10-CE-91_00	Santa Fe Creek	1986	6	Miles	Stream	3	I			I	I	I	I	I	I					

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV10	NV10-CE-92_00	Bastian Creek	N/A	5.0	Miles	Stream	3														
NV11	NV11-GS-01_00	Snake Creek above the fish hatchery	2096	10.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV11	NV11-GS-02-C_00	Snake Creek below the fish hatchery	2098	3.3	Miles	Stream	2	F		F	I	F	F	F	I	I					
NV11	NV11-GS-03-A_00	Baker Creek	2102	7.6	Miles	Stream	1	F			F	F	F	F	F	F					
NV11	NV11-GS-04-A_00	Lehman Creek	2104	7.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV11	NV11-GS-05-A_00	Silver Creek	2106	11.1	Miles	Stream	1	F			F	F	F	F	F	F					
NV11	NV11-GS-06-A_00	Hendrys Creek	2112	9.7	Miles	Stream	1	F			F	F	F	F	F	F					
NV11	NV11-GS-07-B_00	Silver Creek Reservoir	2108	5.0	Acres	Lake/Res	3	I		I	I	I	I	I	I	I					
NV11	NV11-GS-08_00	Strawberry Creek	2102	3.8	Miles	Stream	2	F			X	X	X	X	X	X					
NV11	NV11-GS-09_00	Pole Canyon Creek	2102	3.0	Miles	Stream	3	I			I	I	I	I	I	I					
NV11	NV11-GS-10_00	Big Wash, South Fork	2098	5.0	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV13	NV13-CL-01_00	Colorado River below Davis Dam	2146	14.9	Miles	Stream	1	F		F	F	F	F	F	X	F					
NV13	NV13-CL-02_00	Colorado River below Hoover Dam	2148	12.0	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-03_00	Lake Mead	2152	147,392	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-04_00	Inner Las Vegas Bay	2154	138	Acres	Lake/Res	5	N		F	F		F		F	F					
NV13	NV13-CL-05_00	Las Vegas Wash at the historic lateral	2156	4.9	Miles	Stream	1	F			F		F		F	F			X		
NV13	NV13-CL-06_00	Las Vegas Wash at Lake Mead	2158	6.1	Miles	Stream	1	F			F		F		F	F			X		
NV13	NV13-CL-07_00	Virgin River at Mesquite	2164	2.9	Miles	Stream	5	N		F	N		F		F	F					
NV13	NV13-CL-08_00	Virgin River at the state line	2162	0.02	Miles	Stream	5	N		F	N		F		F	F					
NV13	NV13-CL-09_00	Virgin River at Lake Mead	2166	23.9	Miles	Stream	5	N		F	N		F		F	F					
NV13	NV13-CL-10_00	Beaver Dam Wash	2178	0.82	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV13	NV13-CL-11_01	Muddy River at the Warm Springs Bridge	2168	1.8	Miles	Stream	5	F		F	F	F	F	N	X	F					
NV13	NV13-CL-11_02	Muddy River at the Glendale Bridge	2168	7.2	Miles	Stream	5	N		F	F	F	F	F	F	F					
NV13	NV13-CL-12_01	Muddy River at the Wells Siding Diversion	2172	5.9	Miles	Stream	5	N		F	F		F	F	F	F					
NV13	NV13-CL-12_02	Muddy River at Lake Mead	2174	10.8	Miles	Stream	5	N		F	N		F	N	X	F					
NV13	NV13-CL-13_00	Meadow Valley Wash	2176	18.9	Miles	Stream	3	I		I	I		I		I	I					
NV13	NV13-CL-15-A_00	White River at the national forest boundary	2184	12.4	Miles	Stream	1	F			F	F	F	F	F	F					
NV13	NV13-CL-16-B_00	White River at Ellison Creek	2186	7.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-17-B_00	Dacey Reservoir	2188	179	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-18-B_00	Sunnyside Creek	2192	7.1	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-19-B_00	Adams McGill Reservoir	2194	683	Acres	Lake/Res	2	F		I	I	I	I	I	I	I					
NV13	NV13-CL-20-B_00	Hay Meadow Reservoir	2196	126	Acres	Lake/Res	5	N		F	F	N	F	F	F	F					
NV13	NV13-CL-21-C_00	Nesbitt Lake	2198	202	Acres	Lake/Res	5	F	N	F	F	N	F	F	F	F					
NV13	NV13-CL-22-C_00	Pahranagat Reservoir	2202	457	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-23-C_00	Bowman Reservoir	2204	85.5	Acres	Lake/Res	2	F		F	I	F	F	F	F	I					
NV13	NV13-CL-24-B_00	Eagle Valley Reservoir	2208	44.7	Acres	Lake/Res	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-25-C_00	Echo Canyon Reservoir	2212	58.1	Acres	Lake/Res	5	N	N	F	F	F	F	F	F	F					
NV13	NV13-CL-26-B_00	Clover Creek	2214	35.2	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-27-B_00	Eagle Valley Creek	2206	2.0	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV13	NV13-CL-28_00	White River	2186	46.3	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV13	NV13-CL-29_00	Forest Home Creek	2196	2.8	Miles	Stream	1	F		F	F	F	F	F	F	F					
NV13	NV13-CL-30_00	Meadow Valley Wash	2208	9.4	Miles	Stream	2	F		I	I	F	I	I	I	I					
NV13	NV13-CL-31_00	Meadow Valley Wash	2212	27.5	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV13	NV13-CL-32_00	Meadow Valley Wash	2176	65.9	Miles	Stream	5	N		F	N		F		F	F					
NV13	NV13-CL-33_01	Pahranagat Wash	2202	27.4	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV13	NV13-CL-33_02	Pahranagat Wash	2168	47.0	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV13	NV13-CL-34_00	Tule Field Reservoir	2196	177	Acres	Lake/Res	5	F		F	F	N	F	F	F	F					
NV13	NV13-CL-35_00	Cold Springs Reservoir	2196	262	Acres	Lake/Res	5	F		F	F	N	F	F	F	F					
NV13	NV13-CL-36_00	Castleton Wash	2212	10.5	Miles	Stream	3	X		X	X	X	X	X	X	X					
NV13	NV13-CL-37_00	Crystal Springs Creek	2198	0.44	Miles	Stream	2	F		I	I	I	I	I	I	I					
NV13	NV13-CL-38_00	Lake Mohave	2147	27,001	Acres	Lake/Res	5	N		F	X	X	X	F	X	X					
NV13	NV13-CL-39_00	Flamingo Wash	2156	18.9	Miles	Stream	5	N			N		F		X	F			X		
NV13	NV13-CL-40_00	Sloan Channel	2156	7.5	Miles	Stream	5	N			N		F		F	F			X		
NV13	NV13-CL-42_00	Duck Creek	2156	14.5	Miles	Stream	5	N			N		F		F	N			X		
NV13	NV13-CL-43_00	Tropicana Wash	2156	10.8	Miles	Stream	3	X			X		X		X	X			X		

Region	Assessment Unit	Waterbody Name	NAC	Size	Units	WB Type	EPA Category	AQL	FC	IND	IRR	MDS	PWL	RWC	RNC	WLS	EEAV	EWQ	FWM	OO	W&O
NV13	NV13-CL-44_00	Las Vegas Creek	2156	7.3	Miles	Stream	5	N			F		F		X	F			X		
NV13	NV13-CL-45_00	Las Vegas Wash above Treatment Plants	2156	11.1	Miles	Stream	5	N			N		F		N	N			X		
NV13	NV13-CL-46_00	Ellison Creek	2186	12.5	Miles	Stream	2	F		I	I	I	I	F	I	I					
NV13	NV13-CL-47_00	Camp Valley Creek	2206	11.8	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV13	NV13-CL-48_00	Water Canyon	2206	2.4	Miles	Stream	3	I		I	I	I	I	I	I	I					
NV13	NV13-CL-49_00	Pittman Wash	2156	14.6	Miles	Stream	5	N			N		X		X	N			X		
NV13	NV13-CL-50_00	Lake Las Vegas	2160	320	Acres	Lake/Res	3	X			X		X	X	X						
NV14	NV14-DV-01_00	Amargosa River	N/A	67.5	Miles	Stream	3														

Note: if the beneficial use is blank, then that is not a beneficial use for that waterbody (i.e., assessment unit), except for fish consumption (FC)

Status Codes

F = Fully Supporting
I = Insufficient Information
N = Not Supporting
X = Not Assessed

Beneficial Use Codes

AQL = Aquatic Life
FC = Fish Consumption
IND = Industrial
IRR = Irrigation
OO = Organism Only
MDS = Municipal or Domestic Supply
PWL = Propagation of Wildlife
RWC = Recreation with Contact
RNC = Recreation no Contact
W&O = Water and Organism
WLS = Watering Livestock
EWQ = Enhancement of Water Quality
EEAV = Extraordinary Ecological or Aesthetic Value
FWM = Freshwater Marsh

EPA Category

1 = All beneficial uses are supported
2 = Some beneficial uses are supported; data insufficient to assess other uses
3 = Insufficient information to assess any uses
4a = TMDL or other plan exists to improve water quality
5 = One or more beneficial uses are not supported

ATTACHMENT 3A

Category 5 Waters, 303(d) List of Impaired Waters, Sorted by Assessment Unit

This page intentionally blank

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV01	NV01-NW-01-A_00	Boulder Reservoir — The entire reservoir	1256	5.62	Acres	Lake/Res	pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV01	NV01-NW-02-A_00	Blue Lakes — The entire area	1258	26.4	Acres	Lake/Res	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-03-A_00	Catnip Reservoir — The entire reservoir	1262	72.7	Acres	Lake/Res	Iron 96-hour	AQL	Yes	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-04-B_00	Wall Canyon Reservoir — The entire reservoir	1264	71.5	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV01	NV01-NW-05-B_00	Knott Creek Reservoir — The entire reservoir	1266	88.7	Acres	Lake/Res	DO SV AQL	AQL	Yes	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-06-B_00	Onion Valley Reservoir — The entire reservoir	1268	79.1	Acres	Lake/Res	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							DO SV AQL	AQL	Yes	No	Low	
							pH SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-07_02	Alder Creek at Little Alder Creek — From Little Onion Reservoir to Little Alder Creek	1268	6.46	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. Coli AGM RWC	RWC	Yes	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-09_00	Craine Creek — From its origin to its confluence with Cow Creek	1266	10.6	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. Coli AGM RWC	RWC	No	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV01	NV01-NW-21_01	Wall Canyon Creek — From its origin to Wall Canyon Reservoir	1264	15.8	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							E. Coli AGM RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-01_00	Smoke Creek — From the Nevada-California state line to the Smoke Creek Desert	1286	20.6	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV02	NV02-BL-02-B_00	Squaw Creek Reservoir — The entire reservoir	1288	45.9	Acres	Lake/Res	DO SV AQL	AQL	Yes	No	Low	
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-03-A_00	Negro Creek — From its origin to the first IRR diversion near the west line of Sec 28, T36N, R23E, MDBM	1292	22.7	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-05-A_00	Mahogany Creek — From its origin to to the exterior border of the Summit Lake Indian Reservation.	1296	5.82	Miles	Stream	Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	No	No	Low	WQS
NV02	NV02-BL-07-A_00	Bilk Creek, upper — From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	1302	13.9	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-08-B_00	Bilk Creek at Bilk Creek Reservoir — From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir	1304	7.62	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							E. coli AGM RWC	RWC	No	No	Medium	
NV02	NV02-BL-09-B_00	Bilk Creek Reservoir — The entire reservoir	1306	38.0	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV02	NV02-BL-11-A_01	Quinn River, East Fork — From its origin to the Fort McDermitt Indian Reservation	1312	21.2	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV02	NV02-BL-11-A_02	Quinn River, South Fork — From its origin to the Fort McDermitt Indian Reservation	1312	10.9	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-14_00	Buffalo Creek — From its origin to where it crosses the east line of T32N, R19E, MDBM	1286	26.8	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-15_00	Alta Creek — From its origin to State Highway 291	1312	7.23	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-19_00	Crowley Creek — From its origin to Sentinel Rock	1312	16.4	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-20_00	Falls Canyon Creek — From its origin to the National Forest Boundary	1312	3.95	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV02	NV02-BL-22_00	Kings River — From its origin to the Quinn River	1312	40.6	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Iron 96-hour	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. coli AGM RWC	RWC	Yes	No	Medium	
NV02	NV02-BL-23_00	McDermitt Creek — From the Nevada-Oregon state line to its confluence with The Slough	1312	11.5	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Fluoride IRR	IRR	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-26_00	Soldier Meadows Hot Springs (Creek) — From its origins at the springs to Mud Meadow Reservoir	1312	6.65	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Fluoride WLS	WLS	No	No	Low	
NV02	NV02-BL-27_00	Washburn Creek — From its origin to the Cordero Mine Road	1312	17.8	Miles	Stream	Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV02	NV02-BL-37_00	Jackson Creek — From its origin to the first point of diversion.	1312	8.41	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV02	NV02-BL-40_00	Birthday Mine Creek — From its origin to Threemile Creek	1312	0.23	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
NV03	NV03-BR-16_00	Bruneau River — From its origin to the Nevada-Idaho state line	1352	53.4	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
							Fluoride IRR	IRR	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
NV03	NV03-JR-12_00	Jarbidge River, East Fork — From its origin to the Nevada-Idaho state line	1344	18.3	Miles	Stream	Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Lead 96-hour AQL	AQL	No	No	Low	BKGD
							Silver 1-hour AQL	AQL	No	No	Low	BKGD
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
NV03	NV03-JR-14_00	Jarbidge River, below Jarbidge — From the bridge above the town of Jarbidge to the NV-ID state line	1348	8.75	Miles	Stream	Cadmium 1-hour AQL	AQL	No	No	Low	
							Cadmium 96-hour AQL	AQL	No	No	Low	
							Copper 1-hour AQL	AQL	No	No	Low	
							Lead 96-hour AQL	AQL	No	No	Low	
							Silver 1-hour AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
NV03	NV03-OW-18_00	Owyhee River, above Mill Creek — From Wild Horse Reservoir to its confluence with Mill Creek	1354	14.1	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	No	No	Low	WQS
NV03	NV03-OW-19_01	Owyhee River, below Mill Creek — From its confluence with Mill Creek the border of the Duck Valley Indian Reservation	1356	4.61	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV03	NV03-OW-25-B_00	Wild Horse Reservoir — The entire reservoir	1398	2,263	Acres	Lake/Res	Cadmium 96-hour AQL	AQL	Yes	No	Low	
							DO SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	Yes	No	Low	
							Zinc 96-hour AQL	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-27_00	Owyhee River, South Fork — From its origin to the Nevada-Idaho state line	1362	90.7	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-33_00	Mill Creek — From its origin to the West line of section 11, T. 45 N., R. 53 E., M.D.B. & M.	1356	4.76	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV03	NV03-OW-34_00	Mill Creek — From Rio Tinto Mine to the Owyhee River	1356	1.77	Miles	Stream	Zinc 1-hour AQL	AQL	No	No	Low	
							Zinc 96-hour AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
NV03	NV03-OW-44_00	Taylor Canyon — From its origin to the South Fork Owyhee River	1414	12.6	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-48_00	Burns Creek — From its origin to the National Forest Boundary	1362	9.11	Miles	Stream	TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-49_00	Mill Creek — From its origin to the National Forest Boundary	1362	3.01	Miles	Stream	Nitrate SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-50_00	Jerritt Canyon Creek — From its origin to the National Forest Boundary	1362	6.10	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-51_01	Snow Canyon Creek — From its origin to the National Forest Boundary	1362	12.2	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-51_02	Snow Canyon Creek, East Fork — From its origin to Snow Canyon Creek	1362	1.49	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-52_00	Badger Creek — From its origin to the Owyhee River	1354	8.62	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV03	NV03-OW-68_00	Tomasina Gulch — From its origin to Badger Creek	1354	1.20	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
NV03	NV03-OW-79_00	Dry Creek Reservoir — The entire reservoir	1362	117.6	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV03	NV03-OW-82_00	Dry Creek — From its origin to the Owyhee River	1354	2.80	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Cadmium 96-hour AQL	AQL	No	No	Low	
							Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	
NV03	NV03-OW-83_00	Rio Tinto Gulch — From its origin to Mill Creek	1356	0.35	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	
							Zinc 96-hour AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
NV03	NV03-OW-85_00	Starvation Canyon Creek — From its origin to Taylor Canyon Creek	1362	2.84	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-87_00	Gracie Creek — From its origin to Jerritt Canyon Creek	1362	1.54	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-SR-02_00	Salmon Falls Creek — From the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line	1338	40.0	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-SR-03_00	Shoshone Creek — From the Nevada-Idaho state line to its confluence	1342	12.3	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-05-B_00	Salmon Falls Creek, South Fork — From the National Forest Boundary to	1366	14.5	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-09-B_00	Cottonwood Creek at the South Fork of Salmon Falls Creek — From the	1376	8.90	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-35_00	Little Goose Creek — From its origin to Goose Creek	1336	12.8	Miles	Stream	pH SV AQL	AQL	No	No	Low	
						Stream	Temperature SV AQL	AQL	No	No	Low	
						Stream	TSS SV AQL	AQL	No	No	Low	
						Stream	Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-SR-37_00	Cedar Creek — From its origin to Shoshone Creek	1342	9.74	Miles	Stream	E. coli SV RWC	RWC	No	No	Medium	
NV03	NV03-SR-38_00	Trout Creek — From its origin to its confluence with Salmon Falls Creek	1418	25.5	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							E. coli AGM RWC	RWC	No	No	Medium	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-SR-43_00	Sun Creek — From its origin to the South Fork of Salmon Falls Creek	1366	14.9	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-45_00	Trout Creek — From the Nevada-Oregon state line to Goose Creek	1416	7.41	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-47_00	Trout Creek, West Fork — From its origin to its confluence with Trout Creek	1418	9.15	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-SR-53_00	Jakes Creek — From the confluence of the North and Middle Forks of Jakes Creek to Salmon Falls Creek	1338	15.5	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-SR-53_01	Jakes Creek Reservoir — The entire reservoir	1338	13.9	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV03	NV03-SR-55_00	Jakes Creek, South Fork — From its origin to its confluence with Jakes	1338	7.51	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV03	NV03-SR-57_00	Cottonwood Creek, North Fork — From its origin to its confluence with	1376	7.33	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-60_00	Deer Creek — From the confluence of the East and Middle Forks of Deer	1366	3.81	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-62_00	Deer Creek, West Fork — From its origin to its confluence with Deer Creek	1366	5.98	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-01_00	Humboldt River near Osino — From the upstream source of the main stem to Osino	1436	91.1	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-02_00	Humboldt River at Palisade — From Osino to Palisade	1438	81.0	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-HR-03_00	Humboldt River at Battle Mountain — From Palisade to Battle Mountain	1442	74.0	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-HR-03_01	Barth Pit — The entire area	1442	17.4	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV04	NV04-HR-04_00	Humboldt River at State Highway 789 — From Battle Mountain to Comus	1444	74.9	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-HR-05_00	Humboldt River at Imlay — From Comus to Imlay	1446	145.9	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-HR-06_00	Humboldt River at Woolsey — From Imlay to Woosley (Excluding Rye Patch Reservoir)	1448	20.4	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							TSS AM AQL	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-07-C_00	Humboldt River at Rodgers Dam — From Woolsey to Rodgers Dam	1452	11.8	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							TDS SV MDS	MDS	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-HR-08-D_01	Humboldt River at the Humboldt Sink — From Rodgers Dam to the Humboldt Sink	1454	22.8	Miles	Stream	Chloride 1-hr AQL	AQL	No	No	Low	
							Chloride 96-hr AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	Yes	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Selenium 96-hour AQL	**AQL**	**No**	**No**	**Low**	**E**
							Fluoride IRR	IRR	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-HR-12-A_00	Secret Creek at the national forest boundary — From its origin to the National Forest Boundary	1498	6.76	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-15-B_00	Lamoille Creek at the Humboldt River — From gaging station # 10316500, located in the NE 1/4 of Sec 6, T32N, R58E, MDBM, to its confluence with the Humboldt River	1506	24.6	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-165_00	North Antelope Creek — From its origin to Antelope Creek	1527	11.6	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV04	NV04-HR-166_00	Willow Creek — Below Willow Creek Reservoir	1522	14.7	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-HR-173_00	Thomas Creek — From its origin to Sec 19 T35N R38E	1446	6.46	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-HR-175_00	Stormy Creek — Its entire length	1484	15.8	Miles	Stream	TDS SV MDS	MDS	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV04	NV04-HR-177_00	Pratt Creek — Its entire length	1458	9.54	Miles	Stream	pH SV AQL	AQL	No	No	Low	
NV04	NV04-HR-178_00	Emigrant Spring Drainage — Its entire length	1466	9.90	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-HR-182_00	Mosquito Canyon Creek — From its origin to Humboldt River	1442	2.82	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV04	NV04-HR-188_00	Slaven Canyon Creek — Its entire length	1442	8.10	Miles	Stream	TDS AA MDS	MDS	No	No	Low	
NV04	NV04-HR-198_00	Little Rock Creek — From its origin to the confluence with Rock Creek	1518	8.80	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-25-A_08	Lake Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	1488	6.70	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	**AQL**	**No**	**No**	**Low**	**E**
							Zinc 96-hour AQL	**AQL**	**No**	**No**	**Low**	**E**
							Nickel MDS	MDS	No	No	Low	
NV04	NV04-HR-25-A_09	Dip Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	1488	5.74	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-HR-26-B_00	Maggie Creek at Jack Creek — From where it is formed by tributaries to its	1492	32.8	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-HR-34-A_00	Willow Creek at Willow Creek Reservoir — From its origin to Willow Creek Reservoir	1524	16.3	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-HR-35-B_00	Willow Creek Reservoir — The entire reservoir	1526	576.1	Acres	Lake/Res	Cadmium 96-hour AQL	AQL	**Yes**	No	Low	
							DO SV AQL	AQL	**Yes**	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	**Yes**	No	Low	
							Zinc 96-hour AQL	AQL	**Yes**	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-HR-56-B_00	Starr Creek — From its origin to the Humboldt River	1578	3.64	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-HR-58_00	Pine Creek — From its confluence with Dry Creek to the Humboldt River	1442	27.5	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-63_00	Jackstone Creek — From its origin to the Humboldt River	1436	10.4	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	**Yes**	No	Low	
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	**Yes**	No	Medium	
							Phosphorus Total SA Apr to Nov RWC	RWC	**Yes**	No	Low	
NV04	NV04-HR-67_00	Sherman Creek — From its origin to its confluence with the Humboldt River	1436	15.2	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV04	NV04-HR-81_00	Rye Patch Reservoir — The entire reservoir	1448	16,001	Acres	Lake/Res	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							SAR AA IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							Chloride SV MDS	MDS	No	No	Low	
							Sulfate SV MDS	MDS	Yes	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-95_00	Woodruff Creek — From its origin to the Humboldt River	1438	8.20	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							TSS AM AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-96_00	Cole Creek — From its origin to Pine Creek	1442	5.37	Miles	Stream	pH SV AQL	AQL	No	No	Low	
NV04	NV04-LH-191_00	Goosey Lake Creek — From its origin to Little Humboldt River, North Fork	1472	8.60	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-192_00	Snowstorm Creek — From its origin to the Little Humboldt River, South Fork	1476	6.50	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-45-A_00	Little Humboldt River, North Fork at the national forest boundary — From its origin to the National Forest Boundary	1472	13.2	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV04	NV04-LH-46-B_00	Little Humboldt River, North Fork at the South Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the south fork of the Little Humboldt River	1474	35.2	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-LH-47-C_00	Little Humboldt River — Its entire length	1468	55.8	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							TSS SV AQL	AQL	Yes	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
							Fluoride IRR	IRR	Yes	No	Low	
							Iron IRR	IRR	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							E. Coli AGM RWC	RWC	No	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
NV04	NV04-LH-48-A_00	Little Humboldt River, South Fork at the Elko-Humboldt county line — From its origin to the Elko-Humboldt county line	1476	26.0	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-49-B_00	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the north fork of the Little Humboldt River.	1478	15.4	Miles	Stream	Fluoride IRR	IRR	No	No	Low	
NV04	NV04-LH-51-B_00	Martin Creek below the national forest boundary — From the National Forest Boundary downstream to the first diversion in T42N, R40E, MDBM	1536	13.2	Miles	Stream	Temperature SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-LH-65_00	Road Creek — From its origin to its confluence with Dutch John Creek	1538	4.89	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV04	NV04-LH-95-B_00	Chimney Reservoir — The entire reservoir	1474	2,177	Acres	Lake/Res	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Fluoride IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Fluoride WLS	WLS	No	No	Low	
NV04	NV04-LH-99_00	Secret Creek — From its origin to its confluence with the South Fork Little Humboldt River	1476	3.40	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-MR-09-A_00	Marys River, upper - From its origin to the point where the river crosses	1482	26.8	Miles	Stream	Temperature SV AQL	AQL	Yes	No	Low	
NV04	NV04-MR-104_00	Conners Creek — From its origin to South Fork Hanks Creek	1484	6.45	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-MR-10-B_00	Marys River at the Humboldt River — From the east line of T42N, R59E, MDBM to the Humboldt River	1484	66.2	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV04	NV04-MR-11-A_00	Tabor Creek — From origin to the east line of T40N, R60E, MDBM	1486	12.0	Miles	Stream	Cadmium 1-hour AQL	AQL	No	No	Low	
							Nickel 1-hour AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	
NV04	NV04-MR-121_00	T Creek — From its origin to its confluence with the Mary's River	1484	21.9	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-114_00	Pie Creek — From its origin to the North Fork Humboldt River	1458	22.2	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-125_00	Water Canyon Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to the North Fork Humboldt River	1456	0.34	Miles	Stream	Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV04	NV04-NF-126_02	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste Rock Dump to the North Fork Humboldt River	1456	0.64	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV04	NV04-NF-127_00	Dry Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to North Fork Humboldt River	1456	0.15	Miles	Stream	Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV04	NV04-NF-137_00	Gance Creek — From its origin to Pie Creek	1458	18.0	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-142_00	Cabin Creek — From its origin to the East Fork Beaver Creek	1458	5.45	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-16-A_01	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From its origin to Sammy Creek	1456	0.90	Miles	Stream	TSS SV AQL	AQL	No	No	Low	
NV04	NV04-NF-16-A_02	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Sammy Creek to Cole Creek	1456	1.65	Miles	Stream	TSS SV AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV04	NV04-NF-16-A_03	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Cole Creek to the National Forest Boundary	1456	2.27	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-NF-17-B_00	Humboldt River, North Fork at Beaver Creek — From the National Forest Boundary to its confluence with Beaver Creek	1458	41.6	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-NF-56-B_00	Humboldt River, North Fork at the Humboldt River — From Beaver Creek to its confluence with the Humboldt River	1462	44.5	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-NF-75_00	Beaver Creek — From the confluence of the West and East Forks Beaver Creeks to the North Fork Humboldt River	1458	4.44	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-76_00	Beaver Creek, East Fork — From its origin to the West Fork Beaver Creek	1458	20.0	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-93_00	Sheep Creek — From its origin to the North Fork Humboldt River	1458	9.94	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-RR-158_00	Little Sawmill Creek — From its origin to Reese Creek	1556	4.07	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-160_00	Stewart Creek — From its origin to the Reese River	1558	10.9	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-RR-169_00	Cottonwood Creek — From it origin to the Reese River	1558	9.90	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-RR-174_00	Marysville Creek — From its origin to Reese River	1558	7.16	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-RR-37-A_00	Reese River at Indian Creek — From its origin to its confluence with Indian Creek	1556	15.2	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-38-B_00	Reese River at State Route 722 — From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50)	1558	35.1	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-RR-39-C_00	Reese River below State Route 722 — North of State Route 722 (old U. S. Highway 50)	1562	147.6	Miles	Stream	Fluoride IRR	IRR	No	No	Low	
NV04	NV04-RR-40-A_00	San Juan Creek — From its origin to the National Forest Boundary	1564	5.75	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-RR-43-A_00	Mill Creek — From its origin to the first point of diversion, near the south line of Sec 22, T29N, R44E, MDBM	1572	14.5	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-RR-80_00	Washington Creek — From its origin to the Reese River	1558	10.8	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-SF-112_00	Little Porter Creek — From its origin to the east line of Range 54E	1544	9.95	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-SF-113_00	Pearl Creek — From its origin to Huntington Creek	1544	12.6	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-SF-116_00	Robinson Creek — From its origin to Huntington Creek	1544	15.3	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-SF-131_00	Tenmile Creek — From Spring Creek to the South Fork Humboldt River	1466	16.3	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV04	NV04-SF-19-B_02	Humboldt River, South Fork at the Humboldt River — From South Fork Reservoir to the Humboldt River	1466	16.4	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line — From its origin to the White Pine-Elko county line	1542	16.4	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-21-B_00	Huntington Creek at Smith Creek — From White Pine county line to its confluence with Smith Creek	1544	31.6	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-22-A_00	Green Mountain Creek at Toyn Creek — From its origin to its confluence with Toyn Creek.	1548	5.69	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-23-B_00	Toyn Creek at Corral Creek — From its confluence with Green Mountain Creek to its confluence with Corral Creek.	1552	1.28	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-24-A_00	Toyn Creek at Green Mountain Creek — From its origin to its confluence with Green Mountain Creek	1554	6.40	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-57-B_00	Huntington Creek at the South Fork of the Humboldt River — From its confluence with Smith Creek to its confluence with the South Fork Humboldt River	1546	12.8	Miles	Stream	TDS SV MDS	MDS	No	No	Low	
NV04	NV04-SF-62_00	Dixie Creek — From its origin to its confluence with the South Fork Humboldt River	1466	24.2	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV04	NV04-SF-82_00	South Fork Reservoir — The entire reservoir	1465	1,611	Acres	Lake/Res	Nitrogen total SA AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Nitrogen total SA RWC	RWC	No	No	Low	
NV06	NV06-SC-40-C_00	Washoe Lakes — The entire lakes	1722	5,545	Acres	Lake/Res	Iron 96-hour	AQL	No	No	Low	
							Phosphorus total SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							TDS SV MDS	MDS	No	No	Low	
NV06	NV06-SC-41-C_00	Steamboat Creek at the gaging station — From Little Washoe Lakes to gaging station # 10349300 located in the S 1/2 of Sec 33, T18N, R20E, MDBM	1724	5.38	Miles	Stream	Phosphorus total SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	No	No	Medium	
NV06	NV06-SC-42-D_00	Steamboat Creek at the Truckee River — From gaging station # 10349300, located in the S 1/2 of Sec 33, T18N, R20E, MDBM, to its confluence with the Truckee River	1726	12.5	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Mercury SV FC	OO	Yes	No	Low	LEGACY
							E. coli AGM RWC	RWC	No	No	Medium	
							Arsenic WLS	WLS	No	No	Low	
							Boron WLS	WLS	No	No	Low	
NV06	NV06-SC-43-A_00	Franktown Creek, upper — From its origin to the first IRR diversion near the north line of Sec 9, T16N, R19E, MDBM	1728	7.18	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
NV06	NV06-SC-51-B_00	Galena Creek, middle — From the east line of Sec 18, T17N, R19E, MDBM to gaging station # 10348900 located in the SW 1/4 SW 1/4 of Sec 2, T17N, R19E, MDBM	1748	3.81	Miles	Stream	pH SV AQL	AQL	No	No	Low	
NV06	NV06-SC-53-A_00	Whites Creek, upper — From its origin to the east line of Sec 33, T18N, R19E, MDBM	1754	8.68	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
NV06	NV06-SC-55-A_00	Thomas Creek — From source to National Forest Boundary	1726	4.84	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV06	NV06-SC-56-B_00	Thomas Creek — From the National Forest Boundary to Steamboat Ditch	1726	4.10	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-SC-62_00	Evans Creek — From its intersection with Highway 395 to Boynton Slough	1726	0.76	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-SC-63-B_01	Whites Creek, North Fork - Whites Creek at Steamboat Creek — Below Steamboat Ditch	1758	3.23	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-SC-63-B_03	Whites Creek, Middle Fork - Whites Creek at Steamboat Creek — From Whites Creek, South Fork to Steamboat Creek	1758	1.96	Miles	Stream	Phosphorus total SV AQL	AQL	No	No	Low	
							Boron IRR	**IRR**	**No**	**No**	**Low**	**E**
							E. coli AGM RWC	RWC	No	No	Medium	
							Phosphorus total SV RWC	RWC	No	No	Low	
NV06	NV06-SC-64_00	Thomas Creek — Below Steamboat Ditch	1726	5.62	Miles	Stream	Arsenic 96-hour AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
NV06	NV06-SC-69_00	Dry Creek — From its origin to its confluence with Boynton Slough	1726	8.27	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-TB-105_00	Unnamed Tributary to Incline Creek @ Tyrolian Viilage - Lake Tahoe Tributaries — From its origin to East Fork Incline Creek	1632	1.15	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-106_00	Unnamed Creek near Diamond Peak — From its origin to East Fork Incline Creek	1632	1.28	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-12_00	Third Creek, East Fork; Third Creek, West Fork; and Third Creek. — The EF from Hwy 431 to the WF, WF from its origin to the EF, and Third Creek from the confluence of the EF and WF to Lake Tahoe	1642	4.60	Miles	Stream	Ammonia unionized SV AQL	AQL	**Yes**	No	Low	
							Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Beryllium MDS	MDS	No	No	Low	WQS
NV06	NV06-TB-13_00	Third Creek, East Fork at State Highway 431 — From its origin to State Highway 431	1638	4.19	Miles	Stream	Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
NV06	NV06-TB-16_00	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek. — The EF from the ski resort to the WF, WF from Hwy 431 to the EF, & Incline Creek from the confluence of the EF & WF to Lake Tahoe	1636	3.81	Miles	Stream	Ammonia unionized SV AQL	AQL	**Yes**	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Iron 96-hour	**AQL**	**No**	**No**	**Low**	**E**
							Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-20_00	Marlette Creek - Lake Tahoe Tributaries — From Marlette Lake to Lake Tahoe	1628	1.91	Miles	Stream	Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							Phosphorus total AA AQL	AQL	**Yes**	No	Low	
							Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Phosphorus total AA RWC	RWC	**Yes**	No	Low	
NV06	NV06-TB-22_00	North Canyon Creek - Lake Tahoe Tributaries — From its origin to	1628	5.45	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV06	NV06-TB-25_00	Spooner Lake - Lake Tahoe Tributaries — The entire reservoir	1628	86.5	Acres	Lake/Res	pH SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV06	NV06-TB-26_00	Glenbrook Creek — From its origin to Lake Tahoe	1656	3.68	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Manganese IRR	IRR	**Yes**	No	Low	
							Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-28_00	Logan House Creek — From its origin to Lake Tahoe	1658	3.08	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV06	NV06-TB-33_00	Edgewood Creek at Palisades Drive — From its origin to Palisades Drive	1664	1.30	Miles	Stream	Phosphorus total AA AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus total AA RWC	RWC	Yes	No	Low	
NV06	NV06-TB-34_00	Eagle Rock Creek — From its origin to Edgewood Creek	1662	1.40	Miles	Stream	Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TR-01_00	Truckee River at the state line — At the Nevada-California state line	1682	0.02	Miles	Stream	Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-02_00	Truckee River at Idlewild — From Nevada-California state line to Idlewild	1684	15.9	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-03_00	Truckee River at East McCarran — From Idlewild to East McCarran Blvd	1686	5.51	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-04_00	Truckee River at Lockwood Bridge — From East McCarran Blvd to Lockwood	1688	6.31	Miles	Stream	Turbidity SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-05_00	Truckee River at Derby Dam — From Lockwood to Derby Dam	1692	14.4	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
							Boron IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-06_00	Truckee River at the Pyramid Lake Paiute Reservation — From Derby Dam to Wadsworth	1694	9.26	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-57-D_00	Lagomarsino Creek (Long Valley Creek) — Its entire length	1762	19.6	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
NV06	NV06-TR-65_00	Sparks Marina — The entire reservoir	1688	72.7	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							Nitrogen total AA AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Barium MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Nitrogen total AA RWC	RWC	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TR-76_00	Alum Creek — From its origin to the Truckee River	1684	5.25	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV06	NV06-TR-77_00	Chalk Creek — From its origin to the Truckee River	1684	4.10	Miles	Stream	Nitrate SV AQL	AQL	No	No	Low	
							Orthophosphate SV AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Orthophosphate SV RWC	RWC	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV08	NV08-CR-01_00	Carson River, West Fork at the state line — At the Nevada-California state line	1796	0.02	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Silver 1-hour AQL	AQL	No	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV08	NV08-CR-02_00	Bryant Creek near the state line — At the Nevada-California state line	1798	3.67	Miles	Stream	Total Phosphorus AA AQL	AQL	Yes	No	Low	
							Total Phosphorus AA RWC	RWC	Yes	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV08	NV08-CR-03_00	Carson River, East Fork at the state line — At the Nevada-California state	1802	0.02	Miles	Stream	TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV08	NV08-CR-04_00	Carson River, East Fork at US Highway 395 south of Gardnerville — From the Nevada-California state line to Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	1804	9.23	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Iron 96-hour	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	High	UAA
							Beryllium MDS	MDS	No	No	Low	WQS
NV08	NV08-CR-05_01	Carson River, East Fork at Muller Lane — From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	1806	6.45	Miles	Stream	Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-05_02	Carson River, East Fork at the West Fork — From Muller Lane to the West Fork, Carson River	1806	2.12	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV08	NV08-CR-06_01	Carson River, West Fork at Genoa Lane — Carson River, West Fork from State line to Muller Lane	1808	11.3	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	No	No	High	UAA
							E. coli AGM RWC	RWC	No	No	Medium	
NV08	NV08-CR-06_02	Carson River, East Fork at Genoa Lane — Carson River, East Fork from Muller Lane to the West Fork, Carson River, West Fork from Muller Lane to the East Fork, and Carson River from the confluence of the East and West Forks to Genoa Lane	1808	4.29	Miles	Stream	Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-07_00	Carson River at Cradlebaugh Bridge — From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	1812	4.57	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-08_00	Carson River at the Mexican Ditch Gage — From Cradlebaugh Bridge to Mexican Ditch Gage	1814	7.37	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	No	No	High	UAA
							Manganese IRR	**IRR**	**No**	**No**	**Low**	**E**
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
NV08	NV08-CR-09_00	Carson River near New Empire — From Mexican Ditch Gage to New Empire	1816	6.96	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	No	No	Low	WQS
NV08	NV08-CR-10_00	Carson River at Dayton Bridge — From New Empire to Dayton Bridge	1818	10.4	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-11_00	Carson River at Lahontan Reservoir — From Dayton Bridge to Lahontan Reservoir	1822	25.8	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Manganese IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV08	NV08-CR-13-C_01	Lower Carson River — From Lahontan Reservoir to Carson River Dam	1826	6.32	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Beryllium MDS	MDS	No	No	Low	WQS
NV08	NV08-CR-13-C_02	Carson River, Lower — From the Carson River Dam to the Carson Sink (the natural channel)	1826	39.9	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Manganese IRR	IRR	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV08	NV08-CR-20-A_00	Ash Canyon — From its origin to the first diversion of the Carson City Water Department near the west line of Sec 12, T15N, R19E, MDBM	1844	5.59	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV08	NV08-CR-21-C_00	V-Line Canal — From the Carson diversion dam to its division into the S & L Canals.	1846	10.1	Miles	Stream	Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-22-C_00	Rattlesnake Reservoir — Also known as S-Line Reservoir - the entire reservoir	1848	405.5	Acres	Lake/Res	Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-23-C_00	Indian Lakes — All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake, and East Lake	1852	655.2	Acres	Wetland	Mercury in sediment	AQL	No	Yes	Low	LEGACY
							pH SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-24-C_00	Diagonal Drain — Its entire length	1854	13.4	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Total Phosphorus SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Boron IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV08	NV08-CR-25-C_00	South Carson Lake — The entire lake (Also known as Government Pasture or the Greenhead Gun Club)	1856	2,583	Acres	Wetland	Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-26-C_00	Harmon Reservoir — The entire reservoir	1858	47.8	Acres	Lake/Res	Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-27-C_00	Stillwater Marsh east of Westside Road — All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	1862	25,996	Acres	Wetland	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Boron IRR	IRR	No	No	Low	
NV08	NV08-CR-28-D_00	Stillwater Marsh west of Westside Road — All areas of Stillwater Marsh	1864	1,913	Acres	Wetland	Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-29_00	Brockliss Slough, including East and West Branches — Its entire length	1812	16.2	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	Yes	No	Medium	
							Total Phosphorus AA RWC	RWC	No	No	Low	
NV08	NV08-CR-32_00	Indian Creek — From the Nevada-California state line to the Washoe Indian Reservation boundary	1806	5.27	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Total Phosphorus AA RWC	RWC	No	No	Low	
NV08	NV08-CR-46_00	Lahontan Reservoir — The entire reservoir	1824	14,178	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Mercury in sediment	AQL	No	Yes	Low	LEGACY
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Iron IRR	IRR	No	No	Low	
							Manganese IRR	IRR	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV08	NV08-CR-47_00	Ambrosetti Pond — The entire pond	1812	26.5	Acres	Lake/Res	Temperature SV AQL	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Total Phosphorus AA RWC	RWC	No	No	Low	
NV08	NV08-CR-48_00	All stream/rivers below Lahontan Dam in Lahontan Valley — All stream/rivers below Lahontan Dam in Lahontan Valley except the Lower Carson River, V-Line Canal, and Diagonal Drain.	1826	75.0	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-49_00	All lakes, reservoirs, and wetlands below Lahontan Dam — All lakes, reservoirs, and wetlands below Lahontan Dam in Lahontan Valley except Harmon Reservoir, Indian Lakes, Rattlesnake Reservoir, South Carson Lake, and Stillwater Marsh	N/A	1,077	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV08	NV08-CR-53_00	Virginia Creek (Six Mile Canyon) — Its entire length	1822	5.54	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV08	NV08-CR-53_01	Bonanza Creek — From its origin to Virginia Creek (Six Mile Canyon Creek)	1822	1.54	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Cadmium 96-hour AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Cadmium MDS	MDS	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV09	NV09-WR-01_00	Walker River, West Fork at the state line — At the Nevada-California state line	1886	0.02	Miles	Stream	Phosphorus Total AA AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-02_00	Topaz Lake — The entire lake (Nevada portion)	1888	987.1	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
NV09	NV09-WR-04_00	Walker River, West Fork at the East Fork of the Walker River — From Wellington to the confluence with the East Fork Walker River	1894	25.3	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total AA AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total AA RWC	RWC	Yes	No	Low	
NV09	NV09-WR-07_00	Walker River, East Fork at Bridge B-1475 — From the Nevada-California state line to Bridge B-1475	1902	23.0	Miles	Stream	Phosphorus Total AA AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	LEGACY
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-08_00	Walker River, East Fork at the West Fork of the Walker River — From Bridge B-1475 to its confluence with the West Fork Walker River	1904	41.1	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Iron IRR	IRR	Yes	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-09_00	Walker River at the Walker River Indian Reservation — From the confluence of the EF and WF Walker River to the boundary of the Walker River Indian Reservation	1906	23.6	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
NV09	NV09-WR-10_00	Walker River at Walker Lake — From the exterior border of the Walker River Indian Reservation to Walker Lake.	1908	0.09	Miles	Stream	Phosphorus Total AA AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV09	NV09-WR-11_00	Walker Lake — The entire lake	1914	35,521	Acres	Lake/Res	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
NV09	NV09-WR-13-C_01	North Pond - Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough — The entire pond	1918	156.6	Acres	Wetland	DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
NV09	NV09-WR-18-A_00	Corey Creek — From its origin to the point of diversion of the town of Hawthorne, near the west line of Sec 3, T7N, R29E, MDBM	1934	8.92	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV09	NV09-WR-19_00	Rough Creek — From its origin to its confluence with Bodie Creek	1902	7.46	Miles	Stream	Phosphorus Total AA AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-20_00	Rough Creek — From its confluence with Bodie Creek to its confluence with the East Fork Walker River	1902	6.29	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-21_00	Bodie Creek — From the Nevada-California state line to its confluence with Rough Creek	1902	10.5	Miles	Stream	Phosphorus Total AA AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV10	NV10-CE-26-B_00	Ruby Marsh — The entire area	2018	14,928	Acres	Wetland	Temperature SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV10	NV10-CE-27-A_00	Angel Lake — The entire lake	2022	11.9	Acres	Lake/Res	Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							Zinc 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Zinc 96-hour AQL	AQL	**Yes**	No	Low	BKGD
NV10	NV10-CE-30-C_00	Gleason Creek at State Highway 485 — From its origin to State Highway 485 (old State Highway 44)	2028	14.3	Miles	Stream	Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
NV10	NV10-CE-31-D_00	Gleason Creek at Murry Creek — From State Highway 44 to its confluence with Murry Creek	2032	4.85	Miles	Stream	Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
NV10	NV10-CE-33-C_00	Comins Reservoir — The entire reservoir	2036	136.0	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV10	NV10-CE-35-A_00	East Creek — From its origin to pipeline intake, near the National Forest Boundary	2042	3.22	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV10	NV10-CE-37-A_00	Timber Creek — From its origin to the pipeline intake, near the west line of Sec 27, T18N, R65E, MDBM	2046	2.93	Miles	Stream	Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
NV10	NV10-CE-40-A_00	Cleve Creek — From its origin to the National Forest Boundary	2054	8.16	Miles	Stream	Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
NV10	NV10-CE-57_00	Illipah Creek — Its entire length	2016	9.96	Miles	Stream	Iron 96-hour	AQL	**Yes**	No	Low	
NV10	NV10-CE-76_01	Overland Lake — The entire lake	2018	11.0	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV10	NV10-CE-87_00	Warm Springs Pond — The entire pond/wetland	N/A	16.0	Acres	Wetland	Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV13	NV13-CL-04_00	Inner Las Vegas Bay — From the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay	2154	137.8	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV13	NV13-CL-07_00	Virgin River at Mesquite — From the Nevada-Arizona state line to Mesquite	2164	2.85	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus AA AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-08_00	Virgin River at the state line — At the Nevada-Arizonia state line	2162	0.02	Miles	Stream	Phosphorus AA AQL	AQL	No	No	Low	
NV13	NV13-CL-09_00	Virgin River at Lake Mead — From Mesquite to river mouth at Lake Mead	2166	23.9	Miles	Stream	Phosphorus AA AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Fecal Coliform SV IRR	IRR	No	No	Medium	
NV13	NV13-CL-10_00	Beaver Dam Wash — Above Schroeder Reservoir	2178	0.82	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-11_01	Muddy River at the Warm Springs Bridge — From its origin to Warm Springs Bridge	2168	1.78	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV13	NV13-CL-11_02	Muddy River at the Glendale Bridge — From Warm Springs Bridge to Glendale, except for the length of the river within the exterior borders of the Moapa Indian Reservation	2168	7.15	Miles	Stream	Turbidity SV AQL	AQL	No	No	Low	
NV13	NV13-CL-12_01	Muddy River at the Wells Siding Diversion — From Glendale to Wells Siding Diversion	2172	5.87	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV13	NV13-CL-12_02	Muddy River at Lake Mead — From Wells Siding Diversion to river mouth at Lake Mead	2174	10.8	Miles	Stream	Phosphorus AA AQL	AQL	**Yes**	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Fecal Coliform SV IRR	IRR	No	No	Medium	
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	No	No	Medium	
							Phosphorus AA RWC	RWC	**Yes**	No	Low	
NV13	NV13-CL-20-B_00	Hay Meadow Reservoir — The entire reservoir	2196	126.1	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-21-C_00	Nesbitt Lake — The entire lake	2198	202.2	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
							Arsenic MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-25-C_00	Echo Canyon Reservoir — The entire reservoir	2212	58.1	Acres	Lake/Res	Temperature SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	**Yes**	Low	LEGACY
NV13	NV13-CL-32_00	Meadow Valley Wash — From Caliente to Rox	2176	65.9	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
NV13	NV13-CL-34_00	Tule Field Reservoir — The entire reservoir	2196	176.6	Acres	Lake/Res	TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-35_00	Cold Springs Reservoir — The entire reservoir	2196	261.5	Acres	Lake/Res	TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-38_00	Lake Mohave — From Willow Beach to Davis Dam (Nevada portion only)	2147	27,001	Acres	Lake/Res	Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-39_00	Flamingo Wash — From its origin to Las Vegas Wash	2156	18.9	Miles	Stream	Iron 96-hour	AQL	**Yes**	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	**Yes**	No	Low	
							Boron IRR	IRR	No	No	Low	
NV13	NV13-CL-40_00	Sloan Channel — From North Las Vegas Blvd to Las Vegas Wash	2156	7.49	Miles	Stream	Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Selenium IRR	IRR	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Priority Reason
NV13	NV13-CL-42_00	Duck Creek — From its origin to Las Vegas Wash	2156	14.5	Miles	Stream	Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	**Yes**	No	Low	
							Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Selenium IRR	IRR	No	No	Low	
							TDS SV WLS	WLS	No	No	Low	
NV13	NV13-CL-44_00	Las Vegas Creek — From its origin to Las Vegas Wash	2156	7.29	Miles	Stream	Selenium 96-hour AQL	AQL	No	No	Low	
NV13	NV13-CL-45_00	Las Vegas Wash above Treatment Plants — Above treatment Plants	2156	11.1	Miles	Stream	Iron 96-hour	AQL	**Yes**	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	**Yes**	No	Low	
							Boron IRR	IRR	No	No	Low	
							E. coli AGM RNC	RNC	**Yes**	No	Medium	
							TDS SV WLS	WLS	No	No	Low	
NV13	NV13-CL-49_00	Pittman Wash — From its origin to Duck Creek	2156	14.6	Miles	Stream	Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Selenium IRR	IRR	No	No	Low	
							TDS SV WLS	WLS	No	No	Low	

Beneficial Use Codes

AQL = Aquatic Life
FC = Fish Consumption
IND = Industrial
IRR = Irrigation
MDS = Municipal or Domestic Supply
PWL = Propagation of Wildlife
RWC = Recreation with Contact
RNC = Recreation no Contact
WLS = Watering Livestock
EWQ = Enhancement of Water Quality
EEAV = Extraordinary Ecological or Aesthetic Value
FWM = Freshwater Marsh
OO = Organism Only
W&O = Water and Organism

Acronyms

DO = dissolved oxygen, EPA = U.S. Environmental Protection Agency, E. coli = Escherichia coli, NAC = Nevada Administrative Code, TDS = total dissolved solids, TMDL = total maximum daily load, TSS = total suspended solids
AA = annual average, SV = single value, AGM = annual geometric mean,

Notes:
"WQS" in the "Priority Reason" field means the water quality standard needs to be revised
"BKGD" means natural background, and no TMDL is needed
"E" means EPA requested this impairment be retained; these six delistings are highlighted herein as "re-listings" from the draft version.
"LEGACY" means this is due to legacy contamination (historical mining contributed to mercury in sediments and fish tissue) for which a TMDL would not remedy the impairment.
"NPS" means the pollutant is derived from nonpoint sources, so a TMDL Alternative plan is needed

This page intentionally blank

ATTACHMENT 3B

Category 5 Waters, 303(d) List of Impaired Waters, Sorted by Sorted by Region, Alphabetically

This page intentionally blank

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV01	NV01-NW-07_02	Alder Creek at Little Alder Creek — From Little Onion Reservoir to Little Alder Creek	1268	6.46	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							E. Coli AGM RWC	RWC	Yes	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
NV01	NV01-NW-02-A_00	Blue Lakes — The entire area	1258	26.44	Acres	Lake/Res	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV01	NV01-NW-01-A_00	Boulder Reservoir — The entire reservoir	1256	5.62	Acres	Lake/Res	Beryllium MDS	MDS	Yes	No	Low	WQS
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV01	NV01-NW-03-A_00	Catnip Reservoir — The entire reservoir	1262	72.74	Acres	Lake/Res	Iron 96-hour	AQL	Yes	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
NV01	NV01-NW-09_00	Craine Creek — From its origin to its confluence with Cow Creek	1266	10.6	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							E. Coli AGM RWC	RWC	No	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV01	NV01-NW-05-B_00	Knott Creek Reservoir — The entire reservoir	1266	88.7	Acres	Lake/Res	Beryllium MDS	MDS	Yes	No	Low	WQS
							DO SV AQL	AQL	Yes	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
NV01	NV01-NW-06-B_00	Onion Valley Reservoir — The entire reservoir	1268	79.09	Acres	Lake/Res	Beryllium MDS	MDS	Yes	No	Low	WQS
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							DO SV AQL	AQL	Yes	No	Low	
							pH SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
NV01	NV01-NW-21_01	Wall Canyon Creek — From its origin to Wall Canyon Reservoir	1264	15.82	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							E. Coli AGM RWC	RWC	Yes	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
NV01	NV01-NW-04-B_00	Wall Canyon Reservoir — The entire reservoir	1264	71.45	Acres	Lake/Res	Beryllium MDS	MDS	No	No	Low	WQS
							DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV02	NV02-BL-15_00	Alta Creek — From its origin to State Highway 291	1312	7.23	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	Yes	No	Medium	
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-08-B_00	Bilk Creek at Bilk Creek Reservoir — From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir	1304	7.62	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	Yes	No	Low	
NV02	NV02-BL-09-B_00	Bilk Creek Reservoir — The entire reservoir	1306	38	Acres	Lake/Res	Beryllium MDS	MDS	Yes	No	Low	WQS
							DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
NV02	NV02-BL-07-A_00	Bilk Creek, upper — From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	1302	13.87	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-40_00	Birthday Mine Creek — From its origin to Threemile Creek	1312	0.23	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV02	NV02-BL-14_00	Buffalo Creek — From its origin to where it crosses the east line of T32N, R19E, MDBM	1286	26.76	Miles	Stream	Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-19_00	Crowley Creek — From its origin to Sentinel Rock	1312	16.36	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	Low	
NV02	NV02-BL-20_00	Falls Canyon Creek — From its origin to the National Forest Boundary	1312	3.95	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV02	NV02-BL-37_00	Jackson Creek — From its origin to the first point of diversion.	1312	8.41	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV02	NV02-BL-22_00	Kings River — From its origin to the Quinn River	1312	40.63	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							E. coli AGM RWC	RWC	Yes	No	Medium	
							Iron 96-hour	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
NV02	NV02-BL-05-A_00	Mahogany Creek — From its origin to to the exterior border of the Summit Lake Indian Reservation.	1296	5.82	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV02	NV02-BL-23_00	McDermitt Creek — From the Nevada-Oregon state line to its confluence with The Slough	1312	11.53	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Fluoride IRR	IRR	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV02	NV02-BL-03-A_00	Negro Creek — From its origin to the first IRR diversion near the west line of Sec 28, T36N, R23E, MDBM	1292	22.65	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-11-A_01	Quinn River, East Fork — From its origin to the Fort McDermitt Indian Reservation	1312	21.2	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV02	NV02-BL-11-A_02	Quinn River, South Fork — From its origin to the Fort McDermitt Indian Reservation	1312	10.89	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV02	NV02-BL-01_00	Smoke Creek — From the Nevada-California state line to the Smoke Creek Desert	1286	20.57	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV02	NV02-BL-26_00	Soldier Meadows Hot Springs (Creek) — From its origins at the springs to Mud Meadow Reservoir	1312	6.65	Miles	Stream	Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Fluoride WLS	WLS	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
NV02	NV02-BL-02-B_00	Squaw Creek Reservoir — The entire reservoir	1288	45.9	Acres	Lake/Res	Beryllium MDS	MDS	No	No	Low	WQS
							DO SV AQL	AQL	Yes	No	Low	
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
NV02	NV02-BL-27_00	Washburn Creek — From its origin to the Cordero Mine Road	1312	17.77	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV03	NV03-OW-52_00	Badger Creek — From its origin to the Owyhee River	1354	8.62	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV03	NV03-BR-16_00	Bruneau River — From its origin to the Nevada-Idaho state line	1352	53.38	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Fluoride IRR	IRR	Yes	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
NV03	NV03-OW-48_00	Burns Creek — From its origin to the National Forest Boundary	1362	9.11	Miles	Stream	TDS SV MDS	MDS	No	No	Low	
NV03	NV03-SR-37_00	Cedar Creek — From its origin to Shoshone Creek	1342	9.74	Miles	Stream	E. coli SV RWC	RWC	No	No	Medium	
NV03	NV03-SR-09-B_00	Cottonwood Creek at the South Fork of Salmon Falls Creek — From the National Forest Boundary to its confluence with the South Fork Salmon Falls	1376	8.9	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
											Low	
NV03	NV03-SR-60_00	Deer Creek — From the confluence of the East and Middle Forks of Deer Creek to the South Fork Salmon Falls Creek	1366	3.81	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-62_00	Deer Creek, West Fork — From its origin to its confluence with Deer Creek	1366	5.98	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-OW-82_00	Dry Creek — From its origin to the Owyhee River	1354	2.8	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	BKGD

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV03	NV03-OW-79_00	Dry Creek Reservoir — The entire reservoir	1362	117.57	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
NV03	NV03-OW-87_00	Gracie Creek — From its origin to Jerritt Canyon Creek	1362	1.54	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-SR-53_00	Jakes Creek — From the confluence of the North and Middle Forks of Jakes Creek to Salmon Falls Creek	1338	15.46	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-SR-53_01	Jakes Creek Reservoir — The entire reservoir	1338	13.89	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV03	NV03-SR-55_00	Jakes Creek, South Fork — From its origin to its confluence with Jakes Creek	1338	7.51	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-JR-14_00	Jarbidge River, below Jarbidge — From the bridge above the town of Jarbidge to the NV-ID state line	1348	8.75	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Cadmium 1-hour AQL	AQL	No	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Copper 1-hour AQL	AQL	No	No	Low	
							Lead 96-hour AQL	AQL	No	No	Low	BKGD
							Silver 1-hour AQL	AQL	No	No	Low	BKGD
							Zinc 1-hour AQL	AQL	No	No	Low	BKGD
NV03	NV03-JR-12_00	Jarbidge River, East Fork — From its origin to the Nevada-Idaho state line	1344	18.28	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
							Lead 96-hour AQL	AQL	No	No	Low	BKGD
							Silver 1-hour AQL	AQL	No	No	Low	BKGD
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	**Yes**	No	Low	
NV03	NV03-OW-50_00	Jerritt Canyon Creek — From its origin to the National Forest Boundary	1362	6.1	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-SR-35_00	Little Goose Creek — From its origin to Goose Creek	1336	12.84	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-OW-49_00	Mill Creek — From its origin to the National Forest Boundary	1362	3.01	Miles	Stream	Nitrate SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV03	NV03-OW-33_00	Mill Creek — From its origin to the West line of section 11, T. 45 N., R. 53 E., M.D.B. & M.	1356	4.76	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV03	NV03-OW-34_00	Mill Creek — From Rio Tinto Mine to the Owyhee River	1356	1.77	Miles	Stream	Manganese IRR	IRR	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	BKGD
							Zinc 96-hour AQL	AQL	No	No	Low	BKGD
NV03	NV03-OW-18_00	Owyhee River, above Mill Creek — From Wildhorse Reservoir to its confluence with Mill Creek	1354	14.08	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV03	NV03-OW-19_01	Owyhee River, below Mill Creek — From its confluence with Mill Creek the border of the Duck Valley Indian Reservation	1356	4.61	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV03	NV03-OW-27_00	Owyhee River, South Fork — From its origin to the Nevada-Idaho state line	1362	90.65	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-OW-83_00	Rio Tinto Gulch — From its origin to Mill Creek	1356	0.35	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	BKGD
							Zinc 96-hour AQL	AQL	No	No	Low	BKGD
NV03	NV03-SR-02_00	Salmon Falls Creek — From the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line	1338	39.95	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-SR-05-B_00	Salmon Falls Creek, South Fork — From the National Forest Boundary to its confluence with the North Fork Salmon Falls Creek	1366	14.47	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-03_00	Shoshone Creek — From the Nevada-Idaho state line to its confluence with Salmon Falls Creek	1342	12.3	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-OW-51_01	Snow Canyon Creek — From its origin to the National Forest Boundary	1362	12.15	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-51_02	Snow Canyon Creek, East Fork — From its origin to Snow Canyon Creek	1362	1.49	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV03	NV03-OW-85_00	Starvation Canyon Creek — From its origin to Taylor Canyon Creek	1362	2.84	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV03	NV03-SR-43_00	Sun Creek — From its origin to the South Fork of Salmon Falls Creek	1366	14.86	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-OW-44_00	Taylor Canyon — From its origin to the South Fork Owyhee River	1414	12.59	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
NV03	NV03-OW-68_00	Tomasina Gulch — From its origin to Badger Creek	1354	1.2	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
NV03	NV03-SR-38_00	Trout Creek — From its origin to its confluence with Salmon Falls Creek	1418	25.51	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV03	NV03-SR-45_00	Trout Creek — From the Nevada-Oregon state line to Goose Creek	1416	7.41	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV03	NV03-SR-47_00	Trout Creek, West Fork — From its origin to its confluence with Trout Creek	1418	9.15	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV03	NV03-OW-25-B_00	Wild Horse Reservoir — The entire reservoir	1398	2263	Acres	Lake/Res	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							DO SV AQL	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Zinc 1-hour AQL	AQL	Yes	No	Low	BKGD
							Zinc 96-hour AQL	AQL	Yes	No	Low	BKGD
NV04	NV04-HR-03_01	Barth Pit — The entire area	1442	17.44	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV04	NV04-NF-75_00	Beaver Creek — From the confluence of the West and East Forks Beaver Creeks to the North Fork Humboldt River	1458	4.44	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-76_00	Beaver Creek, East Fork — From its origin to the West Fork Beaver Creek	1458	19.98	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-142_00	Cabin Creek — From its origin to the East Fork Beaver Creek	1458	5.45	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-95-B_00	Chimney Reservoir — The entire reservoir	1474	2177.2	Acres	Lake/Res	Beryllium MDS	MDS	Yes	No	Low	WQS
							Fluoride IRR	IRR	No	No	Low	
							Fluoride WLS	WLS	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	Yes	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-96_00	Cole Creek — From its origin to Pine Creek	1442	5.37	Miles	Stream	pH SV AQL	AQL	No	No	Low	
NV04	NV04-MR-104_00	Conners Creek — From its origin to South Fork Hanks Creek	1484	6.45	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-169_00	Cottonwood Creek — From it origin to the Reese River	1558	9.9	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-HR-25-A_09	Dip Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	1488	5.74	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV04	NV04-SF-62_00	Dixie Creek — From its origin to its confluence with the South Fork Humboldt River	1466	24.21	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV04	NV04-NF-127_00	Dry Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to North Fork Humboldt River	1456	0.15	Miles	Stream	Nickel MDS	MDS	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV04	NV04-HR-178_00	Emigrant Spring Drainage — Its entire length	1466	9.9	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV04	NV04-NF-137_00	Gance Creek — From its origin to Pie Creek	1458	18.01	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-191_00	Goosey Lake Creek — From its origin to Little Humboldt River, North Fork	1472	8.6	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-22-A_00	Green Mountain Creek at Toyn Creek — From its origin to its confluence with Toyn Creek.	1548	5.69	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-03_00	Humboldt River at Battle Mountain — From Palisade to Battle Mountain	1442	74.01	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV04	NV04-HR-05_00	Humboldt River at Imlay — From Comus to Imlay	1446	145.91	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Turbidity SV AQL	AQL	Yes	No	Low	
NV04	NV04-HR-02_00	Humboldt River at Palisade — From Osino to Palisade	1438	80.98	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV04	NV04-HR-07-C_00	Humboldt River at Rodgers Dam — From Woolsey to Rodgers Dam	1452	11.78	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							E. Coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV04	NV04-HR-04_00	Humboldt River at State Highway 789 — From Battle Mountain to Comus	1444	74.93	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-08-D_01	Humboldt River at the Humboldt Sink — From Rodgers Dam to the Humboldt Sink	1454	22.81	Miles	Stream	Boron IRR	IRR	No	No	Low	
							Chloride 1-hr AQL	AQL	No	No	Low	
							Chloride 96-hr AQL	AQL	No	No	Low	
							E. Coli AGM RWC	RWC	No	No	Medium	
							Fluoride IRR	IRR	No	No	Low	
							Iron 96-hour	AQL	Yes	No	Low	
							Selenium 96-hour AQL	**AQL**	**No**	**No**	**Low**	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-06_00	Humboldt River at Woolsey — From Imlay to Woosley (Excluding Rye Patch Reservoir)	1448	20.44	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
							TSS AM AQL	AQL	Yes	No	Low	
NV04	NV04-HR-01_00	Humboldt River near Osino — From the upstream source of the main stem to Osino	1436	91.1	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Fluoride IRR	IRR	No	No	Low	
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-NF-16-A_03	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Cole Creek to the National Forest Boundary	1456	2.27	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV04	NV04-NF-16-A_01	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From its origin to Sammy Creek	1456	0.9	Miles	Stream	TSS SV AQL	AQL	No	No	Low	
NV04	NV04-NF-16-A_02	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary — From Sammy Creek to Cole Creek	1456	1.65	Miles	Stream	Manganese IRR	IRR	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV04	NV04-NF-17-B_00	Humboldt River, North Fork at Beaver Creek — From the National Forest Boundary to its confluence with Beaver Creek	1458	41.59	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV04	NV04-NF-56-B_00	Humboldt River, North Fork at the Humboldt River — From Beaver Creek to its confluence with the Humboldt River	1462	44.45	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV04	NV04-SF-19-B_02	Humboldt River, South Fork at the Humboldt River — From South Fork Reservoir to the Humboldt River	1466	16.4	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV04	NV04-SF-21-B_00	Huntington Creek at Smith Creek — From White Pine county line to its confluence with Smith Creek	1544	31.59	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-57-B_00	Huntington Creek at the South Fork of the Humboldt River — From its confluence with Smith Creek to its confluence with the South Fork Humboldt River	1546	12.77	Miles	Stream	TDS SV MDS	MDS	No	No	Low	
NV04	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line — From its origin to the White Pine-Elko county line	1542	16.42	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-63_00	Jackstone Creek — From its origin to the Humboldt River	1436	10.42	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	Yes	No	Medium	
							Phosphorus Total SA Apr to Nov AQL	AQL	Yes	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	Yes	No	Low	
NV04	NV04-HR-25-A_08	Lake Creek - Maggie Creek Tributaries — From its origin to Maggie Creek	1488	6.7	Miles	Stream	Nickel MDS	MDS	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	**AQL**	**No**	**No**	**Low**	**E**
							Zinc 96-hour AQL	**AQL**	**No**	**No**	**Low**	**E**
NV04	NV04-HR-15-B_00	Lamoille Creek at the Humboldt River — From gaging station # 10316500, located in the NE 1/4 of Sec 6, T32N, R58E, MDBM, to its confluence with the Humboldt River	1506	24.61	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-47-C_00	Little Humboldt River — Its entire length	1468	55.82	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							E. Coli AGM RWC	RWC	No	No	Medium	
							E. Coli SV RWC	RWC	Yes	No	Medium	
							Fluoride IRR	IRR	Yes	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Iron IRR	IRR	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							TSS SV AQL	AQL	Yes	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
NV04	NV04-LH-45-A_00	Little Humboldt River, North Fork at the national forest boundary — From its origin to the National Forest Boundary	1472	13.21	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-46-B_00	Little Humboldt River, North Fork at the South Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the south	1474	35.19	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-48-A_00	Little Humboldt River, South Fork at the Elko-Humboldt county line — From its origin to the Elko-Humboldt county line	1476	26.03	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-LH-49-B_00	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River — From the National Forest Boundary to its confluence with the north fork of the Little Humboldt River.	1478	15.43	Miles	Stream	Fluoride IRR	IRR	No	No	Low	
NV04	NV04-SF-112_00	Little Porter Creek — From its origin to the east line of Range 54E	1544	9.95	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
NV04	NV04-HR-198_00	Little Rock Creek — From its origin to the confluence with Rock Creek	1518	8.8	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-158_00	Little Sawmill Creek — From its origin to Reese Creek	1556	4.07	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-26-B_00	Maggie Creek at Jack Creek — From where it is formed by tributaries to its confluence with Jack Ck	1492	32.84	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV04	NV04-LH-51-B_00	Martin Creek below the national forest boundary — From the National Forest Boundary downstream to the first diversion in T42N, R40E, MDBM	1536	13.23	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Temperature SV AQL	AQL	Yes	No	Low	
NV04	NV04-MR-10-B_00	Marys River at the Humboldt River — From the east line of T42N, R59E, MDBM to the Humboldt River	1484	66.22	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total SV RWC	RWC	Yes	No	Low	
							Phosphorus Total SV AQL	AQL	Yes	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-MR-09-A_00	Marys River, upper - From its origin to the point where the river crosses the east line of T42N, R59E, MDBM	1482	26.8	Miles	Stream	Temperature SV AQL	AQL	Yes	No	Low	
NV04	NV04-RR-174_00	Marysville Creek — From its origin to Reese River	1558	7.16	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-RR-43-A_00	Mill Creek — From its origin to the first point of diversion, near the south line of Sec 22, T29N, R44E, MDBM	1572	14.48	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-182_00	Mosquito Canyon Creek — From its origin to Humboldt River	1442	2.82	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV04	NV04-HR-165_00	North Antelope Creek — From its origin to Antelope Creek	1527	11.56	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV04	NV04-SF-113_00	Pearl Creek — From its origin to Huntington Creek	1544	12.62	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-NF-114_00	Pie Creek — From its origin to the North Fork Humboldt River	1458	22.24	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-58_00	Pine Creek — From its confluence with Dry Creek to the Humboldt River	1442	27.47	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV04	NV04-HR-177_00	Pratt Creek — Its entire length	1458	9.54	Miles	Stream	pH SV AQL	AQL	No	No	Low	
NV04	NV04-RR-37-A_00	Reese River at Indian Creek — From its origin to its confluence with Indian Creek	1556	15.17	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-38-B_00	Reese River at State Route 722 — From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50)	1558	35.1	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-39-C_00	Reese River below State Route 722 — North of State Route 722 (old U. S. Highway 50)	1562	147.64	Miles	Stream	Fluoride IRR	IRR	No	No	Low	
NV04	NV04-LH-65_00	Road Creek — From its origin to its confluence with Dutch John Creek	1538	4.89	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
NV04	NV04-SF-116_00	Robinson Creek — From its origin to Huntington Creek	1544	15.3	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-81_00	Rye Patch Reservoir — The entire reservoir	1448	16001	Acres	Lake/Res	Arsenic MDS	MDS	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Chloride SV MDS	MDS	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
							SAR AA IRR	IRR	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	Yes	No	Low	
							TDS AA MDS	MDS	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV04	NV04-NF-126_02	Sammy Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste Rock Dump to the North Fork Humboldt River	1456	0.64	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV04	NV04-RR-40-A_00	San Juan Creek — From its origin to the National Forest Boundary	1564	5.75	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
NV04	NV04-LH-99_00	Secret Creek — From its origin to its confluence with the South Fork Little Humboldt River	1476	3.4	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-12-A_00	Secret Creek at the national forest boundary — From its origin to the National Forest Boundary	1498	6.76	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-NF-93_00	Sheep Creek — From its origin to the North Fork Humboldt River	1458	9.94	Miles	Stream	Nickel MDS	MDS	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV04	NV04-HR-67_00	Sherman Creek — From its origin to its confluence with the Humboldt River	1436	15.22	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
NV04	NV04-HR-188_00	Slaven Canyon Creek — Its entire length	1442	8.1	Miles	Stream	TDS AA MDS	MDS	No	No	Low	
NV04	NV04-LH-192_00	Snowstorm Creek — From its origin to the Little Humboldt River, South Fork	1476	6.5	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-82_00	South Fork Reservoir — The entire reservoir	1465	1610.9	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Nitrogen total SA AQL	AQL	No	No	Low	
							Nitrogen total SA RWC	RWC	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-56-B_00	Starr Creek — From its origin to the Humboldt River	1578	3.64	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-160_00	Stewart Creek — From its origin to the Reese River	1558	10.92	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
NV04	NV04-HR-175_00	Stormy Creek — Its entire length	1484	15.81	Miles	Stream	TDS SV MDS	MDS	No	No	Low	
NV04	NV04-MR-121_00	T Creek — From its origin to its confluence with the Mary's River	1484	21.88	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-MR-11-A_00	Tabor Creek — From origin to the east line of T40N, R60E, MDBM	1486	11.96	Miles	Stream	Cadmium 1-hour AQL	AQL	No	No	Low	BKGD
							Nickel 1-hour AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	No	No	Low	BKGD
NV04	NV04-SF-131_00	Tenmile Creek — From Spring Creek to the South Fork Humboldt River	1466	16.32	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV04	NV04-HR-173_00	Thomas Creek — From its origin to Sec 19 T35N R38E	1446	6.46	Miles	Stream	E. Coli AGM RWC	RWC	No	No	Medium	
NV04	NV04-SF-23-B_00	Toyn Creek at Corral Creek — From its confluence with Green Mountain Creek to its confluence with Corral Creek.	1552	1.28	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-SF-24-A_00	Toyn Creek at Green Mountain Creek — From its origin to its confluence with Green Mountain Creek	1554	6.4	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-RR-80_00	Washington Creek — From its origin to the Reese River	1558	10.79	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV04	NV04-NF-125_00	Water Canyon Creek - Humboldt River, North Fork and tributaries at the national forest boundary — From the waste rock dump to the North Fork Humboldt River	1456	0.34	Miles	Stream	Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
							TSS SV AQL	AQL	No	No	Low	
NV04	NV04-HR-166_00	Willow Creek — Below Willow Creek Reservoir	1522	14.65	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
NV04	NV04-HR-34-A_00	Willow Creek at Willow Creek Reservoir — From its origin to Willow Creek Reservoir	1524	16.32	Miles	Stream	Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV04	NV04-HR-35-B_00	Willow Creek Reservoir — The entire reservoir	1526	576.14	Acres	Lake/Res	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							DO SV AQL	AQL	**Yes**	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
							Zinc 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Zinc 96-hour AQL	AQL	**Yes**	No	Low	BKGD
NV04	NV04-HR-95_00	Woodruff Creek — From its origin to the Humboldt River	1438	8.2	Miles	Stream	Phosphorus Total SA Apr to Nov AQL	AQL	No	No	Low	
							Phosphorus Total SA Apr to Nov RWC	RWC	No	No	Low	
							TSS AM AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV06	NV06-TR-76_00	Alum Creek — From its origin to the Truckee River	1684	5.25	Miles	Stream	TDS AA MDS	MDS	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV06	NV06-TR-77_00	Chalk Creek — From its origin to the Truckee River	1684	4.1	Miles	Stream	Nitrate SV AQL	AQL	No	No	Low	
							Orthophosphate SV AQL	AQL	No	No	Low	
							Orthophosphate SV RWC	RWC	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV06	NV06-SC-69_00	Dry Creek — From its origin to its confluence with Boynton Slough	1726	8.27	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-TB-34_00	Eagle Rock Creek — From its origin to Edgewood Creek	1662	1.4	Miles	Stream	Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-33_00	Edgewood Creek at Palisades Drive — From its origin to Palisades Drive	1664	1.3	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Phosphorus total AA AQL	AQL	**Yes**	No	Low	
							Phosphorus total AA RWC	RWC	**Yes**	No	Low	
NV06	NV06-SC-62_00	Evans Creek — From its intersection with Highway 395 to Boynton Slough	1726	0.76	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-SC-43-A_00	Franktown Creek, upper — From its origin to the first IRR diversion near the north line of Sec 9, T16N, R19E, MDBM	1728	7.18	Miles	Stream	Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
NV06	NV06-SC-51-B_00	Galena Creek, middle — From the east line of Sec 18, T17N, R19E, MDBM to gaging station # 10348900 located in the SW 1/4 SW 1/4 of Sec 2, T17N, R19E, MDBM	1748	3.81	Miles	Stream	pH SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV06	NV06-TB-26_00	Glenbrook Creek — From its origin to Lake Tahoe	1656	3.68	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	Yes	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-16_00	Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek. — The EF from the ski resort to the WF, WF from Hwy 431 to the EF, & Incline Creek from the confluence of the EF & WF to Lake Tahoe	1636	3.81	Miles	Stream	Ammonia unionized SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	**AQL**	**No**	**No**	**Low**	**E**
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TR-57-D_00	Lagomarsino Creek (Long Valley Creek) — Its entire length	1762	19.57	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
NV06	NV06-TB-28_00	Logan House Creek — From its origin to Lake Tahoe	1658	3.08	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TB-20_00	Marlette Creek - Lake Tahoe Tributaries — From Marlette Lake to Lake Tahoe	1628	1.91	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Phosphorus total AA AQL	AQL	Yes	No	Low	
							Phosphorus total AA RWC	RWC	Yes	No	Low	
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV06	NV06-TB-22_00	North Canyon Creek - Lake Tahoe Tributaries — From its origin to Slaughterhouse Canyon Creek	1628	5.45	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV06	NV06-TR-65_00	Sparks Marina — The entire reservoir	1688	72.67	Acres	Lake/Res	Barium MDS	MDS	No	No	Low	
							DO SV AQL	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Nitrogen total AA AQL	AQL	No	No	Low	
							Nitrogen total AA RWC	RWC	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV06	NV06-TB-25_00	Spooner Lake - Lake Tahoe Tributaries — The entire reservoir	1628	86.48	Acres	Lake/Res	pH SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV06	NV06-SC-41-C_00	Steamboat Creek at the gaging station — From Little Washoe Lakes to gaging station # 10349300 located in the S 1/2 of Sec 33, T18N, R20E, MDBM	1724	5.38	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	No	No	Medium	
							Phosphorus total SV AQL	AQL	Yes	No	Low	
NV06	NV06-SC-42-D_00	Steamboat Creek at the Truckee River — From gaging station # 10349300, located in the S 1/2 of Sec 33, T18N, R20E, MDBM, to its confluence with the Truckee River	1726	12.52	Miles	Stream	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Boron WLS	WLS	No	No	Low	
							E. coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Mercury SV FC	OO	Yes	No	Low	
NV06	NV06-TB-13_00	Third Creek, East Fork at State Highway 431 — From its origin to State Highway 431	1638	4.19	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV06	NV06-TB-12_00	Third Creek, East Fork; Third Creek, West Fork; and Third Creek. — The EF from Hwy 431 to the WF, WF from its origin to the EF, and Third Creek from the confluence of the EF and WF to Lake Tahoe	1642	4.6	Miles	Stream	Ammonia unionized SV AQL	AQL	Yes	No	Low	
							Beryllium MDS	MDS	No	No	Low	WQS
							Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV06	NV06-SC-64_00	Thomas Creek — Below Steamboat Ditch	1726	5.62	Miles	Stream	Arsenic 96-hour AQL	AQL	No	No	Low	
							Arsenic IRR	IRR	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
							Boron IRR	IRR	No	No	Low	
NV06	NV06-SC-55-A_00	Thomas Creek — From source to National Forest Boundary	1726	4.84	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
NV06	NV06-SC-56-B_00	Thomas Creek — From the National Forest Boundary to Steamboat Ditch	1726	4.1	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-TR-05_00	Truckee River at Derby Dam — From Lockwood to Derby Dam	1692	14.41	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Boron IRR	IRR	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	Yes	No	Low	
NV06	NV06-TR-03_00	Truckee River at East McCarran — From Idlewild to East McCarran Blvd	1686	5.51	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Temperature SV AQL	AQL	No	No	Low	
NV06	NV06-TR-02_00	Truckee River at Idlewild — From Nevada-California state line to Idlewild	1684	15.89	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
NV06	NV06-TR-04_00	Truckee River at Lockwood Bridge — From East McCarran Blvd to Lockwood	1688	6.31	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Turbidity SV AQL	AQL	Yes	No	Low	
NV06	NV06-TR-06_00	Truckee River at the Pyramid Lake Paiute Reservation — From Derby Dam to Wadsworth	1694	9.26	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Temperature SV AQL	AQL	No	No	Low	
NV06	NV06-TR-01_00	Truckee River at the state line — At the Nevada-California state line	1682	0.02	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Cadmium 96-hour AQL	AQL	No	No	Low	BKGD
NV06	NV06-TB-106_00	Unnamed Creek near Diamond Peak — From its origin to East Fork Incline Creek	1632	1.28	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-TB-105_00	Unnamed Tributary to Incline Creek @ Tyrolian Viilage - Lake Tahoe Tributaries — From its origin to East Fork Incline Creek	1632	1.15	Miles	Stream	pH SV AQL	AQL	No	No	Low	
							Phosphorus total AA AQL	AQL	No	No	Low	
							Phosphorus total AA RWC	RWC	No	No	Low	
NV06	NV06-SC-40-C_00	Washoe Lakes — The entire lakes	1722	5,545	Acres	Lake/Res	Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus total SV AQL	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV06	NV06-SC-63-B_03	Whites Creek, Middle Fork - Whites Creek at Steamboat Creek — From Whites Creek, South Fork to Steamboat Creek	1758	1.96	Miles	Stream	**Boron IRR**	**IRR**	**No**	**No**	**Low**	**E**
							E. coli AGM RWC	RWC	No	No	Medium	
							Phosphorus total SV AQL	AQL	No	No	Low	
							Phosphorus total SV RWC	RWC	No	No	Low	
NV06	NV06-SC-63-B_01	Whites Creek, North Fork - Whites Creek at Steamboat Creek — Below Steamboat Ditch	1758	3.23	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV06	NV06-SC-53-A_00	Whites Creek, upper — From its origin to the east line of Sec 33, T18N, R19E, MDBM	1754	8.68	Miles	Stream	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	Yes	Yes	No	Low	BKGD
NV08	NV08-CR-49_00	All lakes, reservoirs, and wetlands below Lahontan Dam — All lakes, reservoirs, and wetlands below Lahontan Dam in Lahontan Valley except Harmon Reservoir, Indian Lakes, Rattlesnake Reservoir, South Carson Lake, and Stillwater Marsh	N/A	1076.5	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV08	NV08-CR-48_00	All stream/rivers below Lahontan Dam in Lahontan Valley — All stream/rivers below Lahontan Dam in Lahontan Valley except the Lower Carson River, V-Line Canal, and Diagonal Drain.	1826	74.99	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV08	NV08-CR-47_00	Ambrosetti Pond — The entire pond	1812	26.47	Acres	Lake/Res	Temperature SV AQL	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Total Phosphorus AA RWC	RWC	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV08	NV08-CR-20-A_00	Ash Canyon — From its origin to the first diversion of the Carson City Water Department near the west line of Sec 12, T15N, R19E, MDBM	1844	5.59	Miles	Stream	Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
NV08	NV08-CR-53_01	Bonanza Creek — From its origin to Virginia Creek (Six Mile Canyon Creek)	1822	1.54	Miles	Stream	Alkalinity SV AQL	AQL	No	No	Low	
							Cadmium 96-hour AQL	AQL	No	No	Low	
							Cadmium MDS	MDS	No	No	Low	
							Nickel MDS	MDS	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV08	NV08-CR-29_00	Brockliss Slough, including East and West Branches — Its entire length	1812	16.15	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	**Yes**	No	Medium	
							Iron 96-hour	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Total Phosphorus AA RWC	RWC	No	No	Low	
NV08	NV08-CR-02_00	Bryant Creek near the state line — At the Nevada-California state line	1798	3.67	Miles	Stream	Total Phosphorus AA AQL	AQL	**Yes**	No	Low	
							Total Phosphorus AA RWC	RWC	**Yes**	No	Low	
NV08	NV08-CR-07_00	Carson River at Cradlebaugh Bridge — From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge, except for the length of the river within the exterior	1812	4.57	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-10_00	Carson River at Dayton Bridge — From New Empire to Dayton Bridge	1818	10.39	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV08	NV08-CR-11_00	Carson River at Lahontan Reservoir — From Dayton Bridge to Lahontan Reservoir	1822	25.77	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Iron 96-hour	AQL	**Yes**	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-08_00	Carson River at the Mexican Ditch Gage — From Cradlebaugh Bridge to Mexican Ditch Gage	1814	7.37	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							E. coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	**Yes**	No	Low	
							Manganese IRR	**IRR**	**No**	**No**	**Low**	**E**
							Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-09_00	Carson River near New Empire — From Mexican Ditch Gage to New Empire	1816	6.96	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	**Yes**	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV08	NV08-CR-06_02	Carson River, East Fork at Genoa Lane — Carson River, East Fork from Muller Lane to the West Fork, Carson River, West Fork from Muller Lane to the East Fork, and Carson River from the confluence of the East and West Forks to Genoa Lane	1808	4.29	Miles	Stream	Temperature SV AQL	AQL	No	No	High	UAA

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV08	NV08-CR-05_01	Carson River, East Fork at Muller Lane — From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	1806	6.45	Miles	Stream	Temperature SV AQL	AQL	No	No	High	UAA
NV08	NV08-CR-03_00	Carson River, East Fork at the state line — At the Nevada-California state line	1802	0.02	Miles	Stream	TSS SV AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV08	NV08-CR-05_02	Carson River, East Fork at the West Fork — From Muller Lane to the West Fork, Carson River	1806	2.12	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Iron 96-hour	AQL	**Yes**	No	Low	
							Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
NV08	NV08-CR-04_00	Carson River, East Fork at US Highway 395 south of Gardnerville — From the Nevada-California state line to Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville, except for the length of the river within the exterior borders of the Washoe Indian Reservation.	1804	9.23	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Iron 96-hour	AQL	**Yes**	No	Low	
							Silver 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	Low	
NV08	NV08-CR-13-C_02	Carson River, Lower — From the Carson River Dam to the Carson Sink (the natural channel)	1826	39.94	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-06_01	Carson River, West Fork at Genoa Lane — Carson River, West Fork from State line to Muller Lane	1808	11.29	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
							Iron 96-hour	AQL	**Yes**	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV08	NV08-CR-01_00	Carson River, West Fork at the state line — At the Nevada-California state line	1796	0.02	Miles	Stream	Beryllium MDS	MDS	**Yes**	No	Low	WQS
							Cadmium 1-hour AQL	AQL	**Yes**	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	**Yes**	No	Low	BKGD
							Silver 1-hour AQL	AQL	No	No	Low	BKGD
							Temperature SV AQL	AQL	No	No	Low	
NV08	NV08-CR-24-C_00	Diagonal Drain — Its entire length	1854	13.41	Miles	Stream	Arsenic MDS	MDS	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
							TDS SV MDS	MDS	No	No	Low	
							Total Phosphorus SV AQL	AQL	No	No	Low	
NV08	NV08-CR-26-C_00	Harmon Reservoir — The entire reservoir	1858	47.76	Acres	Lake/Res	Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-32_00	Indian Creek — From the Nevada-California state line to the Washoe Indian Reservation boundary	1806	5.27	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
							Total Phosphorus AA AQL	AQL	No	No	Low	
							Total Phosphorus AA RWC	RWC	No	No	Low	
NV08	NV08-CR-23-C_00	Indian Lakes — All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake, and East Lake	1852	655.15	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
							pH SV AQL	AQL	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV08	NV08-CR-46_00	Lahontan Reservoir — The entire reservoir	1824	14178	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Iron IRR	IRR	No	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-13-C_01	Lower Carson River — From Lahontan Reservoir to Carson River Dam	1826	6.32	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-22-C_00	Rattlesnake Reservoir — Also known as S-Line Reservoir - the entire reservoir	1848	405.45	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-25-C_00	South Carson Lake — The entire lake (Also known as Government Pasture or the Greenhead Gun Club)	1856	2582.9	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-27-C_00	Stillwater Marsh east of Westside Road — All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	1862	25996	Acres	Wetland	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-28-D_00	Stillwater Marsh west of Westside Road — All areas of Stillwater Marsh not designated as class C	1864	1912.7	Acres	Wetland	Iron 96-hour	AQL	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV08	NV08-CR-53_00	Virginia Creek (Six Mile Canyon) — Its entire length	1822	5.54	Miles	Stream	Sulfate SV MDS	MDS	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
NV08	NV08-CR-21-C_00	V-Line Canal — From the Carson diversion dam to its division into the S & L Canals.	1846	10.14	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Mercury in sediment	AQL	No	Yes	Low	Legacy
NV09	NV09-WR-21_00	Bodie Creek — From the Nevada-California state line to its confluence with Rough Creek	1902	10.5	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-18-A_00	Corey Creek — From its origin to the point of diversion of the town of Hawthorne, near the west line of Sec 3, T7N, R29E, MDBM	1934	8.92	Miles	Stream	Phosphorus Total SV AQL	AQL	No	No	Low	
							Phosphorus Total SV RWC	RWC	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV09	NV09-WR-13-C_01	North Pond - Mason Valley Wildlife Management Area - Bass, Crappie and North Ponds and Hinkson Slough — The entire pond	1918	156.57	Acres	Wetland	Arsenic IRR	IRR	No	No	Low	
							Arsenic MDS	MDS	No	No	Low	
							Arsenic WLS	WLS	No	No	Low	
							Boron IRR	IRR	No	No	Low	
							DO SV AQL	AQL	No	No	Low	
							pH SV AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV09	NV09-WR-20_00	Rough Creek — From its confluence with Bodie Creek to its confluence with the East Fork Walker River	1902	6.29	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-19_00	Rough Creek — From its origin to its confluence with Bodie Creek	1902	7.46	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-02_00	Topaz Lake — The entire lake (Nevada portion)	1888	987.07	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV09	NV09-WR-11_00	Walker Lake — The entire lake	1914	35521	Acres	Lake/Res	Arsenic 1-hour AQL	AQL	No	No	Low	
							Arsenic 96-hour AQL	AQL	No	No	Low	
							Phosphorus Total SV AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
NV09	NV09-WR-09_00	Walker River at the Walker River Indian Reservation — From the confluence of the EF and WF Walker River to the boundary of the Walker River Indian Reservation	1906	23.56	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV09	NV09-WR-10_00	Walker River at Walker Lake — From the exterior border of the Walker River Indian Reservation to Walker Lake.	1908	0.09	Miles	Stream	Boron IRR	IRR	No	No	Low	
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
							TDS AA MDS	MDS	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV09	NV09-WR-07_00	Walker River, East Fork at Bridge B-1475 — From the Nevada-California state line to Bridge B-1475	1902	22.95	Miles	Stream	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV09	NV09-WR-08_00	Walker River, East Fork at the West Fork of the Walker River — From Bridge B-1475 to its confluence with the West Fork Walker River	1904	41.05	Miles	Stream	Beryllium MDS	MDS	No	No	Low	WQS
							Iron 96-hour	AQL	No	No	Low	
							Iron IRR	IRR	Yes	No	Low	
							Manganese IRR	IRR	No	No	Low	
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV09	NV09-WR-04_00	Walker River, West Fork at the East Fork of the Walker River — From Wellington to the confluence with the East Fork Walker River	1894	25.25	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Iron 96-hour	AQL	Yes	No	Low	
							Phosphorus Total AA AQL	AQL	Yes	No	Low	
							Phosphorus Total AA RWC	RWC	Yes	No	Low	
NV09	NV09-WR-01_00	Walker River, West Fork at the state line — At the Nevada-California state line	1886	0.02	Miles	Stream	Beryllium MDS	MDS	Yes	No	Low	WQS
							Phosphorus Total AA AQL	AQL	No	No	Low	
							Phosphorus Total AA RWC	RWC	No	No	Low	
NV10	NV10-CE-27-A_00	Angel Lake — The entire lake	2022	11.92	Acres	Lake/Res	Cadmium 1-hour AQL	AQL	Yes	No	Low	BKGD
							Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
							Zinc 1-hour AQL	AQL	Yes	No	Low	BKGD
							Zinc 96-hour AQL	AQL	Yes	No	Low	BKGD
NV10	NV10-CE-40-A_00	Cleve Creek — From its origin to the National Forest Boundary	2054	8.16	Miles	Stream	Silver 1-hour AQL	AQL	Yes	No	Low	BKGD
NV10	NV10-CE-33-C_00	Comins Reservoir — The entire reservoir	2036	135.95	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV10	NV10-CE-35-A_00	East Creek — From its origin to pipeline intake, near the National Forest Boundary	2042	3.22	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV10	NV10-CE-31-D_00	Gleason Creek at Murry Creek — From State Highway 44 to its confluence with Murry Creek	2032	4.85	Miles	Stream	Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
NV10	NV10-CE-30-C_00	Gleason Creek at State Highway 485 — From its origin to State Highway 485 (old State Highway 44)	2028	14.29	Miles	Stream	Copper 1-hour AQL	AQL	No	No	Low	
							Copper 96-hour AQL	AQL	No	No	Low	
NV10	NV10-CE-57_00	Illipah Creek — Its entire length	2016	9.96	Miles	Stream	Iron 96-hour	AQL	Yes	No	Low	
NV10	NV10-CE-76_01	Overland Lake — The entire lake	2018	11.01	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
NV10	NV10-CE-26-B_00	Ruby Marsh — The entire area	2018	14928	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Temperature SV AQL	AQL	No	No	Low	
NV10	NV10-CE-37-A_00	Timber Creek — From its origin to the pipeline intake, near the west line of Sec 27, T18N, R65E, MDBM	2046	2.93	Miles	Stream	Cadmium 96-hour AQL	AQL	Yes	No	Low	BKGD
NV10	NV10-CE-87_00	Warm Springs Pond — The entire pond/wetland	N/A	15.97	Acres	Wetland	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV13	NV13-CL-10_00	Beaver Dam Wash — Above Schroeder Reservoir	2178	0.82	Miles	Stream	Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-35_00	Cold Springs Reservoir — The entire reservoir	2196	261.5	Acres	Lake/Res	TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-42_00	Duck Creek — From its origin to Las Vegas Wash	2156	14.45	Miles	Stream	Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Selenium IRR	IRR	No	No	Low	
							TDS SV WLS	WLS	No	No	Low	
							Temperature SV AQL	AQL	**Yes**	No	Low	
NV13	NV13-CL-25-C_00	Echo Canyon Reservoir — The entire reservoir	2212	58.11	Acres	Lake/Res	Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-39_00	Flamingo Wash — From its origin to Las Vegas Wash	2156	18.92	Miles	Stream	Boron IRR	IRR	**Yes**	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TSS SV AQL	AQL	**Yes**	No	Low	
NV13	NV13-CL-20-B_00	Hay Meadow Reservoir — The entire reservoir	2196	126.12	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
							TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-04_00	Inner Las Vegas Bay — From the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay	2154	137.84	Acres	Lake/Res	DO SV AQL	AQL	No	No	Low	
NV13	NV13-CL-38_00	Lake Mohave — From Willow Beach to Davis Dam (Nevada portion only)	2147	27001	Acres	Lake/Res	Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-44_00	Las Vegas Creek — From its origin to Las Vegas Wash	2156	7.29	Miles	Stream	Selenium 96-hour AQL	AQL	No	No	Low	
NV13	NV13-CL-45_00	Las Vegas Wash above Treatment Plants — Above treatment Plants	2156	11.06	Miles	Stream	Boron IRR	IRR	No	No	Low	
							E. coli AGM RNC	RNC	**Yes**	No	Medium	
							Iron 96-hour	AQL	**Yes**	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							TDS SV WLS	WLS	No	No	Low	
							TSS SV AQL	AQL	**Yes**	No	Low	
NV13	NV13-CL-32_00	Meadow Valley Wash — From Caliente to Rox	2176	65.91	Miles	Stream	Fluoride IRR	IRR	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-12_02	Muddy River at Lake Mead — From Wells Siding Diversion to river mouth at Lake Mead	2174	10.76	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
							E. coli SV RWC	RWC	No	No	Medium	
							Fecal Coliform SV IRR	IRR	No	No	Medium	
							Phosphorus AA AQL	AQL	**Yes**	No	Low	
							Phosphorus AA RWC	RWC	**Yes**	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV13	NV13-CL-11_02	Muddy River at the Glendale Bridge — From Warm Springs Bridge to Glendale, except for the length of the river within the exterior borders of the Moapa Indian Reservation	2168	7.15	Miles	Stream	Turbidity SV AQL	AQL	No	No	Low	
NV13	NV13-CL-11_01	Muddy River at the Warm Springs Bridge — From its origin to Warm Springs Bridge	2168	1.78	Miles	Stream	E. coli AGM RWC	RWC	No	No	Medium	
NV13	NV13-CL-12_01	Muddy River at the Wells Siding Diversion — From Glendale to Wells Siding Diversion	2172	5.87	Miles	Stream	Iron 96-hour	AQL	No	No	Low	
NV13	NV13-CL-21-C_00	Nesbitt Lake — The entire lake	2198	202.22	Acres	Lake/Res	Arsenic MDS	MDS	No	No	Low	
							Mercury in Fish Tissue	FC	No	Yes	Low	Legacy
							TDS SV MDS	MDS	No	No	Low	

Region	Assessment Unit	Waterbody Description	NAC	Size	Units	Water Type	Standard	Impaired Use	New Listing?	EPA Overlist?	TMDL Priority	Reason
NV13	NV13-CL-49_00	Pittman Wash — From its origin to Duck Creek	2156	14.59	Miles	Stream	Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Selenium IRR	IRR	No	No	Low	
							TDS SV WLS	WLS	No	No	Low	
NV13	NV13-CL-40_00	Sloan Channel — From North Las Vegas Blvd to Las Vegas Wash	2156	7.49	Miles	Stream	Boron IRR	IRR	No	No	Low	
							Fluoride IRR	IRR	No	No	Low	
							Selenium 1-hour AQL	AQL	No	No	Low	
							Selenium 96-hour AQL	AQL	No	No	Low	
							Selenium IRR	IRR	No	No	Low	
NV13	NV13-CL-34_00	Tule Field Reservoir — The entire reservoir	2196	176.63	Acres	Lake/Res	TDS SV MDS	MDS	No	No	Low	
NV13	NV13-CL-09_00	Virgin River at Lake Mead — From Mesquite to river mouth at Lake Mead	2166	23.91	Miles	Stream	Fecal Coliform SV IRR	IRR	No	No	Medium	
							Phosphorus AA AQL	AQL	No	No	Low	
							Turbidity SV AQL	AQL	No	No	Low	
NV13	NV13-CL-07_00	Virgin River at Mesquite — From the Nevada-Arizona state line to Mesquite	2164	2.85	Miles	Stream	DO SV AQL	AQL	No	No	Low	
							Iron 96-hour	AQL	No	No	Low	
							Phosphorus AA AQL	AQL	No	No	Low	
							Temperature SV AQL	AQL	No	No	Low	
NV13	NV13-CL-08_00	Virgin River at the state line — At the Nevada-Arizonia state line	2162	0.02	Miles	Stream	Phosphorus AA AQL	AQL	No	No	Low	

Beneficial Use Codes

AQL = Aquatic Life
FC = Fish Consumption
IND = Industrial
IRR = Irrigation
MDS = Municipal or Domestic Supply
PWL = Propagation of Wildlife
RWC = Recreation with Contact
RNC = Recreation no Contact
WLS = Watering Livestock
EWQ = Enhancement of Water Quality
EEAV = Extraordinary Ecological or Aesthetic Value
FWM = Freshwater Marsh
OO = Organism Only
W&O = Water and Organism

Acronyms

DO = dissolved oxygen, EPA = U.S. Environmental Protection Agency, E. coli = Escherichia coli, NAC = Nevada Administrative Code, TDS = total dissolved solids, TMDL = total maximum daily load, TSS = total suspended solids
AA = annual average, SV = single value, AGM = annual geometric mean,

Notes:

"WQS" in the "Priority Reason" field means the water quality standard needs to be revised
"BKGD" means natural background, and no TMDL is needed
"E" means EPA requested this impairment be retained; these six delistings are highlighted herein as "re-listings" from the draft version.
"LEGACY" means this is due to legacy contamination (historical mining contributed to mercury in sediments and fish tissue) for which a TMDL would not remedy the impairment.
"NPS" means the pollutant is derived from nonpoint sources, so a TMDL Alternative plan is needed

This page intentionally blank

ATTACHMENT 4

Delisted Impairments, Sorted by Assessment Unit (Waterbody ID)

This page intentionally blank

ATTACHMENT 4 - Delisted Impairments, Sorted by Assessment Unit (Waterbody ID)

Final Nevada 2020-2022 Water Quality Integrated Report

Region	NAC	Assessment Unit	Waterbody Name	Size	Units	Beneficial Use	Standard	Parameter	Delist Reason	EPA Category
NV01	1262	NV01-NW-03-A_00	Catnip Reservoir	72.7	Acres	AQL	DO SV AQL	Analysis Dissolved Oxygen	A	5
NV01	1262	NV01-NW-03-A_00	Catnip Reservoir	72.7	Acres	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV01	1264	NV01-NW-04-B_00	Wall Canyon Reservoir	71.5	Acres	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV01	**1268**	**NV01-NW-08_00**	**Cove Creek**	**6.67**	**Miles**	**RWC**	**Phosphorus Total SV RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV01	**1268**	**NV01-NW-08_00**	**Cove Creek**	**6.67**	**Miles**	**AQL**	**Phosphorus Total SV AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV01	1264	NV01-NW-21_01	Wall Canyon Creek	15.8	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	B	5
NV02	1286	NV02-BL-01_00	Smoke Creek	20.6	Miles	AQL	Iron 96-hour	Iron ug/L	A	5
NV02	1306	NV02-BL-09-B_00	Bilk Creek Reservoir	38.0	Acres	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV02	1306	NV02-BL-09-B_00	Bilk Creek Reservoir	38.0	Acres	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV03	1352	NV03-BR-16_00	Bruneau River	53.4	Miles	AQL	pH SV AQL	Analysis pH	A	5
NV03	1352	NV03-BR-16_00	Bruneau River	53.4	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	B	5
NV03	1344	NV03-JR-12_00	Jarbidge River, East Fork	18.3	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV03	1398	NV03-OW-25-B_00	Wild Horse Reservoir	2,263	Acres	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV03	1398	NV03-OW-25-B_00	Wild Horse Reservoir	2,263	Acres	AQL	pH SV AQL	Analysis pH	A	5
NV03	1362	NV03-OW-27_00	Owyhee River, South Fork	90.7	Miles	AQL	Iron 96-hour	Iron ug/L	A	5
NV03	1362	NV03-OW-48_00	Burns Creek	9.11	Miles	MDS	Sulfate SV MDS	Sulfate mg/L	A	5
NV03	1338	NV03-SR-02_00	Salmon Falls Creek	40.0	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV04	1498	NV04-HR-12-A_00	Secret Creek at the national forest boundary	6.76	Miles	RWC	E. Coli AGM RWC	Escherichia Coli	A	5
NV04	**1488**	**NV04-HR-25-A_02**	**Little Jack Creek - Maggie Creek Tributaries**	**15.1**	**Miles**	**RWC**	**Phosphorus Total SV RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	**1488**	**NV04-HR-25-A_02**	**Little Jack Creek - Maggie Creek Tributaries**	**15.1**	**Miles**	**AQL**	**Phosphorus Total SV AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	**1488**	**NV04-HR-25-A_03**	**Coyote Creek - Maggie Creek Tributaries**	**22.0**	**Miles**	**RWC**	**Phosphorus Total SV RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	**1488**	**NV04-HR-25-A_03**	**Coyote Creek - Maggie Creek Tributaries**	**22.0**	**Miles**	**AQL**	**Phosphorus Total SV AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	1488	NV04-HR-25-A_08	Lake Creek - Maggie Creek Tributaries	6.70	Miles	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV04	1488	NV04-HR-25-A_08	Lake Creek - Maggie Creek Tributaries	6.70	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV04	**1514**	**NV04-HR-29-A_00**	**Tonkin Reservoir**	**2.48**	**Acres**	**RWC**	**Phosphorus Total SV RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	**1514**	**NV04-HR-29-A_00**	**Tonkin Reservoir**	**2.48**	**Acres**	**AQL**	**Phosphorus Total SV AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV04	1448	NV04-HR-81_00	Rye Patch Reservoir	16,001	Acres	AQL	Iron 96-hour	Iron ug/L	A	5
NV04	1478	NV04-LH-49-B_00	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	15.4	Miles	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV04	1478	NV04-LH-49-B_00	Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	15.4	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV04	1474	NV04-LH-95-B_00	Chimney Reservoir	2,177	Acres	MDS	Color SV MDS	Color PCU	A	5
NV04	1474	NV04-LH-95-B_00	Chimney Reservoir	2,177	Acres	IRR	Iron IRR	Iron ug/L	A	5
NV04	1474	NV04-LH-95-B_00	Chimney Reservoir	2,177	Acres	AQL	DO SV AQL	Analysis Dissolved Oxygen	A	5
NV04	1456	NV04-NF-16-A_03	Humboldt River, North Fork - Humboldt River, North Fork and tributaries at the national forest boundary	2.27	Miles	AQL	TSS SV AQL	Total Suspended Solids mg/L	A	5
NV04	1462	NV04-NF-56-B_00	Humboldt River, North Fork at the Humboldt River	44.5	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV04	1562	NV04-RR-39-C_00	Reese River below State Route 722	147.6	Miles	MDS	TDS SV MDS	Analysis Total Dissolved Solids	A	5
NV04	1562	NV04-RR-39-C_00	Reese River below State Route 722	147.6	Miles	AQL	Iron 96-hour	Iron ug/L	A	5
NV04	1562	NV04-RR-39-C_00	Reese River below State Route 722	147.6	Miles	AQL	Turbidity SV AQL	Turbidity Laboratory NTU	A	5
NV04	1562	NV04-RR-39-C_00	Reese River below State Route 722	147.6	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV04	1572	NV04-RR-43-A_00	Mill Creek	14.5	Miles	RWC	E. Coli SV RWC	Escherichia Coli	A	5
NV04	1572	NV04-RR-43-A_00	Mill Creek	14.5	Miles	RWC	E. Coli AGM RWC	Escherichia Coli	A	5
NV04	1572	NV04-RR-43-A_00	Mill Creek	14.5	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	AQL	TSS SV AQL	Total Suspended Solids mg/L	A	5
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	AQL	Iron 96-hour	Iron ug/L	A	5
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	AQL	Turbidity SV AQL	Turbidity Laboratory NTU	A	5
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	RWC	E. Coli AGM RWC	Escherichia Coli	A	5

ATTACHMENT 4 - Delisted Impairments, Sorted by Assessment Unit (Waterbody ID)

Final Nevada 2020-2022 Water Quality Integrated Report

Region	NAC	Assessment Unit	Waterbody Name	Size	Units	Beneficial Use	Standard	Parameter	Delist Reason	EPA Category
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV04	1542	NV04-SF-20-A_00	Huntington Creek at the White Pine-Elko county line	16.4	Miles	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV04	1544	NV04-SF-21-B_00	Huntington Creek at Smith Creek	31.6	Miles	AQL	Turbidity SV AQL	Turbidity Laboratory NTU	A	5
NV04	1544	NV04-SF-21-B_00	Huntington Creek at Smith Creek	31.6	Miles	AQL	TSS SV AQL	Total Suspended Solids mg/L	A	5
NV04	1544	NV04-SF-21-B_00	Huntington Creek at Smith Creek	31.6	Miles	AQL	Iron 96-hour	Iron ug/L	A	5
NV04	1544	NV04-SF-21-B_00	Huntington Creek at Smith Creek	31.6	Miles	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV04	1544	NV04-SF-21-B_00	Huntington Creek at Smith Creek	31.6	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV04	1554	NV04-SF-24-A_00	Toyn Creek at Green Mountain Creek	6.40	Miles	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV04	1554	NV04-SF-24-A_00	Toyn Creek at Green Mountain Creek	6.40	Miles	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV06	1724	NV06-SC-41-C_00	Steamboat Creek at the gaging station	5.38	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV06	1726	NV06-SC-42-D_00	Steamboat Creek at the Truckee River	12.5	Miles	AQL	Silver 1-hour AQL	Silver, Dissolved ug/L	A	5
NV06	1758	NV06-SC-63-B_03	Whites Creek, Middle Fork - Whites Creek at Steamboat Creek	1.96	Miles	RWC	E. coli SV RWC	Escherichia Coli	A	5
NV06	1726	NV06-SC-64_00	Thomas Creek	5.62	Miles	WLS	Boron WLS	Boron ug/L	A	5
NV06	1642	NV06-TB-12_00	Third Creek, East Fork; Third Creek, West Fork; and Third Creek.	4.60	Miles	AQL	Phosphorus total AA AQL	Phosphorus, Total mg/L	A	5
NV06	1642	NV06-TB-12_00	Third Creek, East Fork; Third Creek, West Fork; and Third Creek.	4.60	Miles	RWC	Phosphorus total AA RWC	Phosphorus, Total mg/L	A	5
NV06	1656	NV06-TB-26_00	Glenbrook Creek	3.68	Miles	RWC	E. coli SV RWC	Escherichia Coli	A	5
NV06	1762	NV06-TR-57-D_00	Lagomarsino Creek (Long Valley Creek)	19.6	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	RWC	Orthophosphate SV RWC	Ortho Phosphorus mg/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	AQL	Orthophosphate SV AQL	Ortho Phosphorus mg/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	AQL	TSS SV AQL	Total Suspended Solids mg/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	AQL	Phosphorus total AA AQL	Phosphorus, Total mg/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	RWC	Phosphorus total AA RWC	Phosphorus, Total mg/L	A	5
NV06	1684	NV06-TR-76_00	Alum Creek	5.25	Miles	AQL	pH SV AQL	Analysis pH	A	5
NV08	1806	NV08-CR-05_02	Carson River, East Fork at the West Fork	2.12	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV08	1806	NV08-CR-05_02	Carson River, East Fork at the West Fork	2.12	Miles	AQL	DO SV AQL	Analysis Dissolved Oxygen	A	5
NV08	1816	NV08-CR-09_00	Carson River near New Empire	6.96	Miles	RWC	E. coli AGM RWC	Escherichia Coli	A	5
NV08	1822	NV08-CR-11_00	Carson River at Lahontan Reservoir	25.8	Miles	MDS	Mercury MDS	Mercury ug/L	A	5
NV08	**1838**	**NV08-CR-18-B_00**	**Clear Creek at the Carson River**	**3.43**	**Miles**	**AQL**	**Total Phosphorus SV AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV08	**1838**	**NV08-CR-18-B_00**	**Clear Creek at the Carson River**	**3.43**	**Miles**	**RWC**	**Total Phosphorus SV RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV08	1854	NV08-CR-24-C_00	Diagonal Drain	13.4	Miles	AQL	Cadmium 96-hour AQL	Cadmium, Dissolved ug/L	A	5
NV08	1824	NV08-CR-46_00	Lahontan Reservoir	14,178	Acres	AQL	TSS SV AQL	Total Suspended Solids mg/L	A	5
NV08	1824	NV08-CR-46_00	Lahontan Reservoir	14,178	Acres	AQL	Turbidity SV AQL	Turbidity Laboratory NTU	A	5
NV08	1824	NV08-CR-46_00	Lahontan Reservoir	14,178	Acres	AQL	Total Phosphorus AA AQL	Phosphorus, Total mg/L	A	5
NV08	1824	NV08-CR-46_00	Lahontan Reservoir	14,178	Acres	RWC	Total Phosphorus AA RWC	Phosphorus, Total mg/L	A	5
NV09	1888	NV09-WR-02_00	Topaz Lake	987	Acres	AQL	Phosphorus Total AA AQL	Phosphorus, Total mg/L	A	5
NV09	1888	NV09-WR-02_00	Topaz Lake	987	Acres	AQL	Phosphorus Total SV AQL	Phosphorus, Total mg/L	A	5
NV09	1888	NV09-WR-02_00	Topaz Lake	987	Acres	RWC	Phosphorus Total AA RWC	Phosphorus, Total mg/L	A	5
NV09	1888	NV09-WR-02_00	Topaz Lake	987	Acres	RWC	Phosphorus Total SV RWC	Phosphorus, Total mg/L	A	5
NV09	**1892**	**NV09-WR-03_00**	**Walker River, West Fork near Wellington**	**16.9**	**Miles**	**AQL**	**Temperature SV AQL**	**Analysis Temperature**	**A**	**1**
NV09	1894	NV09-WR-04_00	Walker River, West Fork at the East Fork of the Walker River	25.3	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV09	**1898**	**NV09-WR-06_00**	**Walker River, East Fork at the state line**	**0.02**	**Miles**	**AQL**	**Phosphorus Total AA AQL**	**Phosphorus, Total mg/L**	**A**	**1**
NV09	**1898**	**NV09-WR-06_00**	**Walker River, East Fork at the state line**	**0.02**	**Miles**	**RWC**	**Phosphorus Total AA RWC**	**Phosphorus, Total mg/L**	**A**	**1**
NV09	1904	NV09-WR-08_00	Walker River, East Fork at the West Fork of the Walker River	41.1	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV09	1914	NV09-WR-11_00	Walker Lake	35,521	Acres	AQL	Selenium 1-hour AQL	Selenium ug/L	A	5
NV09	**1916**	**NV09-WR-12_00**	**Desert Creek**	**17.1**	**Miles**	**AQL**	**Cadmium 96-hour AQL**	**Cadmium, Dissolved ug/L**	**A**	**1**

Region	NAC	Assessment Unit	Waterbody Name	Size	Units	Beneficial Use	Standard	Parameter	Delist Reason	EPA Category
NV10	2036	NV10-CE-33-C_00	Comins Reservoir	136	Acres	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV10	2036	NV10-CE-33-C_00	Comins Reservoir	136	Acres	AQL	pH SV AQL	Analysis pH	A	5
NV10	**2058**	**NV10-CE-42-B_00**	**Cave Lake**	**17.9**	**Acres**	**AQL**	**pH SV AQL**	**Analysis pH**	**A**	**1**
NV10	**2058**	**NV10-CE-42-B_00**	**Cave Lake**	**17.9**	**Acres**	**AQL**	**DO SV AQL**	**Analysis Dissolved Oxygen**	**A**	**1**
NV13	**2146**	**NV13-CL-01_00**	**Colorado River below Davis Dam**	**14.9**	**Miles**	**AQL**	**Temperature SV AQL**	**Analysis Temperature**	**B**	**1**
NV13	**2148**	**NV13-CL-02_00**	**Colorado River below Hoover Dam**	**12.0**	**Miles**	**AQL**	**Temperature SV AQL**	**Analysis Temperature**	**B**	**1**
NV13	2162	NV13-CL-08_00	Virgin River at the state line	0.02	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV13	2166	NV13-CL-09_00	Virgin River at Lake Mead	23.9	Miles	AQL	Temperature SV AQL	Analysis Temperature	A	5
NV13	2168	NV13-CL-11_02	Muddy River at the Glendale Bridge	7.15	Miles	AQL	Phosphorus AA AQL	Phosphorus, Total mg/L	A	5
NV13	2168	NV13-CL-11_02	Muddy River at the Glendale Bridge	7.15	Miles	RWC	Phosphorus AA RWC	Phosphorus, Total mg/L	A	5
NV13	2168	NV13-CL-11_02	Muddy River at the Glendale Bridge	7.15	Miles	AQL	Selenium 1-hour AQL	Selenium ug/L	A	5
NV13	2212	NV13-CL-25-C_00	Echo Canyon Reservoir	58.1	Acres	AQL	pH SV AQL	Analysis pH	A	5
NV13	2156	NV13-CL-39_00	Flamingo Wash	18.9	Miles	IRR	Selenium IRR	Selenium ug/L	A	5
NV14	2156	NV13-CL-40_00	Sloan Channel	7.5	Miles	AQL	pH SV AQL	Analysis pH	A	5

Note: Blue font indicates that the entire waterbody or waterbody segment (assessment unit) was delisted and is now a Category 1 water; 11 waterbodies fit this description.

Beneficial Uses

AQL = aquatic life, IRR = irrigation, MDS = municipal or domestic supply, RWC = recreation with contact, RNC = recreation no contact, WLS = watering livestock; OO= organism only (human health criteria).

Acronyms

NAC = Nevada Administrative Code, SV = single value, AA = annual average, AGM = annual geometric mean, DO = dissolved oxygen, TDS = total dissolved solids, TSS = total suspended solids

Delist Reason Codes:

A = Meeting based on new data

B = Water quality standard no longer applicable due to change in NAC

C = Previous listing was incorrect

This page intentionally blank

ATTACHMENT 5

List of EPA-Approved TMDLs

This page intentionally blank

Waterbody Code	Waterbody Name — Segment Description	Size	Unit	NAC	TMDL ID	TMDL Year	Parameter	2020-2022	2016-2018	2014	2012	2008-2010
NV03-OW-18_00	**Owyhee River, above Mill Creek — From Wild Horse Reservoir to its confluence with Mill Creek**											
	Category 5	14.1	Miles	1354	11674	2005	Iron (Total)	**Meeting**	Meeting	Not Meeting	Not Meeting	Meeting
					11809	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11681	2005	Temperature	**Not Meeting**	Meeting	Meeting	Meeting	Meeting
					11816	2005	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Not Meeting
					11817	2005	Turbidity	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV03-OW-19_01	**Owyhee River, below Mill Creek — From its confluence with Mill Creek the border of the Duck Valley Indian Reservation**											
	Category 5	4.6	Miles	1356	11794	2005	Copper (Dissolved)	**Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11674	2005	Iron (Total)	**Meeting**	Not Meeting	Not Meeting	Not Meeting	Meeting
					12402	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11681	2005	Temperature	**Not Meeting**	Meeting	Meeting	Meeting	Meeting
					12401	2005	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Not Meeting
					12400	2005	Turbidity	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV03-OW-34_00	**Mill Creek — From Rio Tinto Mine to the Owyhee River**											
	Category 5	1.8	Miles	1356	11669	2005	Cadmium (Total and Dissolved)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11671	2005	Copper (Total and Dissolved)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11672	2005	Dissolved Oxygen	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11675	2005	Iron (Total)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11680	2005	Phosphorus (Total)	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11678	2005	pH	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11682	2005	Temperature	**Meeting***	Meeting	Meeting	Meeting	Not Meeting
					11815	2005	Total Dissolved Solids	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11684	2005	Total Suspended Solids	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11686	2005	Turbidity	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV03-OW-83_00	**Rio Tinto Gulch — From its origin to Mill Creek**											
	Category 5	0.35	Miles	1356	11669	2005	Cadmium (Total and Dissolved)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11671	2005	Copper (Total and Dissolved)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11672	2005	Dissolved Oxygen	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11675	2005	Iron (Total)	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11680	2005	Phosphorus (Total)	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11678	2005	pH	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11682	2005	Temperature	**Meeting***	Meeting*	Meeting	Meeting	Not Meeting
					11815	2005	Total Dissolved Solids	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11684	2005	Total Suspended Solids	**Meeting***	Meeting	Meeting	Meeting	Not Meeting
					11686	2005	Turbidity	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
NV04-HR-02_00	**Humboldt River at Palisade — From Osino to Palisade**											
	Category 5	81.0	Miles	1438	11810	1993	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					552	1993	Total Suspended Solids	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting

Waterbody Code	Waterbody Name — Segment Description	Size	Unit	NAC	TMDL ID	TMDL Year	Parameter	2020-2022	2016-2018	2014	2012	2008-2010
NV04-HR-03_00	**Humboldt River at Battle Mountain — From Palisade to Battle Mountain**											
	Category 5	74.0	Miles	1442	11806	1993	Phosphorus (Total)	**Not Meeting**	Meeting	Meeting	Meeting	Meeting
					11811	1993	Total Suspended Solids	**Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV04-HR-04_00	**Humboldt River at State Highway 789 — From Battle Mountain to Comus**											
	Category 5	74.9	Miles	1444	11807	1993	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					551	1993	Total Dissolved Solids	**Meeting**	Meeting	Meeting	Meeting	Not Meeting
					11812	1993	Total Suspended Solids	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV04-HR-05_00	**Humboldt River at Imlay — From Comus to Imlay**											
	Category 5	145.9	Miles	1446	11808	1993	Phosphorus (Total)	**Not Meeting**	Not Meeting	Meeting	Not Meeting	Not Meeting
					11795	1993	Total Dissolved Solids	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11813	1993	Total Suspended Solids	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV04-MR-98_00	**Hanks Creek — From its origin to its confluence with Marys River**											
	Category 4a	15.9	Miles	1484	39568	2010	Temperature	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
NV04-SF-62_00	**Dixie Creek — From its origin to its confluence with the South Fork Humboldt River**											
	Category 5	24.2	Miles	1466	39568	2010	Temperature	**Not Meeting***	Not Meeting	Not Meeting	Meeting	Not Meeting
NV06-TB-08_00	**Lake Tahoe — The entire lake (Nevada Portion)**											
	Category 4a	122,902	Acres	1626	40711	2011	Clarity	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					40711	2011	Dissolved Oxygen	**Meeting***	Meeting*	Meeting	Not Meeting	Meeting
					40711	2011	Phosphorus (Dissolved)	**Not Meeting***	Not Meeting	Not Meeting	Meeting	Meeting
					40711	2011	Plankton Count	**Not Meeting***	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					40711	2011	Total Soluble Inorganic N as N	**Meeting***	Meeting	Meeting	Meeting	Not Meeting
NV06-TR-04_00	**Truckee River at Lockwood Bridge — From East McCarran Blvd to Lockwood**											
	Category 5	6.3	Miles	1688	11797	1994	Nitrogen (Total)	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
					11798	1994	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					1227	1994	Total Dissolved Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
NV06-TR-05_00	**Truckee River at Derby Dam — From Lockwood to Derby Dam**											
	Category 5	14.4	Miles	1692	11797	1994	Nitrogen (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					11798	1994	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					1227	1994	Total Dissolved Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
NV06-TR-06_00	**Truckee River at the Pyramid Lake Paiute Reservation — From Derby Dam to Wadsworth**											
	Category 5	9.3	Miles	1694	11797	1994	Nitrogen (Total)	**Not Meeting**	Not Meeting	Meeting	Meeting	Not Meeting
					11798	1994	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					1227	1994	Total Dissolved Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
NV08-CR-02_00	**Bryant Creek near the state line — At the Nevada-California state line**											
	Category 5	3.67	Miles	1798	11668	2003	Arsenic (Total)	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11673	2003	Iron (Total)	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11677	2003	Nickel (Total)	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11683	2003	Total Suspended Solids	**Meeting***	Meeting	Meeting	Meeting	Meeting
					11685	2003	Turbidity	**Meeting***	Meeting	Meeting	Meeting	Not Meeting

Waterbody Code	Waterbody Name — Segment Description	Size	Unit	NAC	TMDL ID	TMDL Year	Parameter	2020-2022	2016-2018	2014	2012	2008-2010
NV08-CR-04_00	**Carson River, East Fork at US Highway 395 south of Gardnerville — From the Nevada-California state line to Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville, except for the length of the river within the exterior borders of the Washoe Indian Reservation.**											
	Category 5	9.2	Miles	1804	22608	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
					33562	2007	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Not Meeting
					33562	2007	Turbidity	**Not Meeting**	Not Meeting	Meeting	Meeting	Not Meeting
NV08-CR-05_01	**Carson River, East Fork at Muller Lane — From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane, except for the length of the river within the exterior borders of the Washoe Indian Reservation.**											
	Category 5	6.5	Miles	1806	22608	2005	Phosphorus (Total)	**Meeting**	Meeting	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Meeting***	Meeting*	Meeting	Meeting	Meeting
NV08-CR-05_02	**Carson River, East Fork at the West Fork — From Muller Lane to the West Fork, Carson River**											
	Category 5	2.1	Miles	1806	22608	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
					33562	2007	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Not Meeting**	Not Meeting	Meeting	Meeting	Not Meeting
NV08-CR-06_01	**Carson River at Genoa Lane — Carson River, West Fork from State line to Muller Lane**											
	Category 5	11.3	Miles	1808	22609	2005	Phosphorus (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Meeting***	Meeting*	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Meeting***	Meeting*	Meeting	Meeting	Meeting
NV08-CR-06_02	**Carson River at Genoa Lane — Carson River, East Fork from Muller Lane to the West Fork, Carson River, West Fork from Muller Lane to the East Fork, and Carson River from the confluence of the East and West Forks to Genoa Lane**											
	Category 5	4.3	Miles	1808	22609	2005	Phosphorus (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Meeting***	Meeting*	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
NV08-CR-07_00	**Carson River at Cradlebaugh Bridge — From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge, except for the length of the river within the exterior borders of the Washoe Indian Reservation.**											
	Category 5	4.6	Miles	1812	22610	2005	Phosphorus (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Turbidity	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
NV08-CR-08_00	**Carson River at the Mexican Ditch Gage — From Cradlebaugh Bridge to Mexican Ditch Gage**											
	Category 5	7.4	Miles	1814	22611	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Not Meeting**	Not Meeting	Meeting	Meeting	Not Meeting
NV08-CR-09_00	**Carson River near New Empire — From Mexican Ditch Gage to New Empire**											
	Category 5	7.0	Miles	1816	22612	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Meeting**	Meeting	Meeting	Meeting	Meeting
					33562	2007	Turbidity	**Not Meeting**	Meeting	Not Meeting	Not Meeting	Not Meeting
NV08-CR-10_00	**Carson River at Dayton Bridge — From New Empire to Dayton Bridge**											
	Category 5	10.4	Miles	1818	22613	2005	Phosphorus (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Total Suspended Solids	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
					33562	2007	Turbidity	**Meeting***	Meeting*	Meeting	Meeting	Meeting

Waterbody Code	Waterbody Name — Segment Description	Size	Unit	NAC	TMDL ID	TMDL Year	Parameter	2020-2022	2016-2018	2014	2012	2008-2010
NV08-CR-11_00	**Carson River at Lahontan Reservoir — From Dayton Bridge to Lahontan Reservoir (Segment NV08-CR-12_00 combined with this segment in 2018 NAC revisions)**											
	Category 5	25.8	Miles	1822	11805	1993	Phosphorus (Total)	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
			Miles	1822	22614	2005	Phosphorus (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting
			Miles	1822	33562	2007	Total Suspended Solids	**Not Meeting**	Meeting	Meeting	Meeting	Not Meeting
			Miles	1822	33562	2007	Turbidity	**Meeting**	Meeting	Meeting	Meeting	Meeting
NV08-CR-29_00	**Brockliss Slough, including East and West Branches — Its entire length**											
	Category 5	16.2	Miles	1812	33562	2007	Turbidity	**Not Meeting**	Not Meeting	Meeting	Meeting	Not Meeting
NV09-WR-07_00	**Walker River, East Fork from Stateline to Bridge B-1475**											
	Category 5	23.0	Miles	1902	11814	1993	Total Suspended Solids	**Meeting***	Meeting*	Meeting	Meeting	Meeting
NV09-WR-08_00	**Walker River, East Fork at the West Fork of the Walker River — From Bridge B-1475 to its confluence with the West Fork Walker River**											
	Category 5	41.1	Miles	1904	11814	1993	Total Suspended Solids	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
NV09-WR-09_00	**Walker River at the Walker River Indian Reservation — From the confluence of the EF and WF Walker River to the boundary of the Walker River Indian Reservation**											
	Category 5	23.6	Miles	1906	1289	1993	Total Suspended Solids	**Not Meeting**	Not Meeting	Meeting	Meeting	Meeting
NV09-WR-11_00	**Walker Lake — Entire Lake**											
	Category 5	35,521	Acres	1914	11245	2005	Total Dissolved Solids	**NS**	NS	NS	NS	NS
NV13-CL-06_00	**Las Vegas Wash at Lake Mead — From Telephone Line Rd to the confluence with Lake Mead**											
	Category 1	6.1	Miles	2158	662	1989	Total Ammonia	**NS**	NS	NS	NS	NS
					11670	1989	Chlorophyll a	**NS**	NS	NS	NS	NS
					11679	1989	Total Phosphorus	**NS**	NS	NS	NS	NS
NV13-CL-07_00	**Virgin River at Mesquite — From the Nevada-Arizona state line to Mesquite**											
	Category 5	2.9	Miles	2164	3951	2002	Boron (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	Not Meeting
NV13-CL-08_00	**Virgin River at the state line — At the Nevada-Arizonia state line**											
	Category 5	0.02	Miles	2162	3951	2002	Boron (Total)	**Not Meeting***	Not Meeting*	Not Meeting	Not Meeting	NA
NV13-CL-09_00	**Virgin River at Lake Mead — From Mesquite to river mouth at Lake Mead**											
	Category 5	23.9	Miles	2166	3951	2002	Boron (Total)	**Not Meeting**	Not Meeting	Not Meeting	Not Meeting	Not Meeting

Notes:

NAC = Nevada Administrative Code, TMDL = Total maximum daily load

NA = Not assessed. NS = No standard for water quality; cannot be assessed.

* = TMDL parameter has insufficient data in current cycle; carry forward previous result

EPA Category

Category 1 = All Beneficial Uses are Supported

Category 2 = Some Beneficial Uses are Supported; Data Insufficient for Others

Category 3 = Insufficient Information to Assess Any Uses

Category 4 = TMDL or Other Control Exists

Category 5 = One or More Beneficial Uses are Not Supported

ATTACHMENT 5

List of EPA-Approved TMDLs

This page intentionally blank

Appendix A

Assessment Methodology

This page intentionally blank

Methodology for the Assessment of Surface Water Quality in Nevada

Revised August 2021

East Fork Carson River, Douglas County, NV

Nevada Division of Environmental Protection

This page intentionally blank

Table of Contents

A.1 Introduction A-1

A.1.1 Designated Waters and Data Assessment A-1

A.1.2 Period of Record A-2

A.2 Data Used for Assessment A-2

A.2.1 BWQP Data A-3

A.2.2 Continuous Stream Monitoring Data A-4

A.2.3 Lake Monitoring A-4

A.2.4 Field versus Laboratory Data A-5

A.2.5 Data Quality Assurance and Quality Control A-5

A.2.6 Sourcing and Handling of Outside Data A-6

A.2.7 Database (Data Warehouse) A-7

A.3 Water Quality Standards (Beneficial Use Criteria) A-7

A.3.1 Criteria Specific to Some Lakes A-8

A.3.2 Seasonal Criteria A-8

A.3.3 Narrative Water Quality Criteria A-8

A.3.4 Toxics A-9

A.3.5 Ammonia A-9

A.3.6 Criteria to Protect Human Health in the Code of Federal Regulations A-9

A.4 Nevada's Water-quality Assessment and Reporting Tool (WART) A-10

A.4.1 Function: Assessments Using WART A-10

A.4.1.1 Standard Groups A-11

A.4.1.2 Standard Sets A-11

A.5 Assessment Categories A-12

A.5.1 Beneficial Use Attainment A-12

A.5.2 Waterbody Attainment A-13

A.6 Methods for Determining Impairments A-14

A.6.1 Binomial Method A-15

A.6.2 Average, Geometric Mean, Log Mean and Median Standards A-15

A.6.3 Three-Year + 25 percent - Toxic Materials with Acute (1-hr) and Chronic (96-hr) Criteria A-16

A.7 Best Professional Judgment A-17

Abbreviations and Acronyms

ATTAINS	Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System
BLM	U.S. Bureau of Land Management
BWQP	Bureau of Water Quality Planning
CFR	Code of Federal Regulations
CWA	Clean Water Act
DO	Dissolved oxygen
DRI	Desert Research Institute
EPA	U. S. Environmental Protection Agency
mg/L	Milligrams per liter
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NDOW	Nevada Department of Wildlife
NDPBH	Nevada Division of Public and Behavioral Health
QA	Quality assurance
QAPP	Quality Assurance Program Plan
QA.QC	Quality assurance and quality control
QC	Quality control
S.V.	Single value
SVOC	Semi-volatile organic compound
TMDL	Total maximum daily load
USGS	U. S. Geological Survey
VOC	Volatile organic compound
WART	Water-quality Assessment and Reporting Tool

A.1 Introduction

As required by the Federal Clean Water Act (CWA) and State regulations, waters of the State are assessed to determine whether they are meeting water quality standards. These standards are put in place to protect the beneficial uses of a waterbody. All available laboratory and field data for each waterbody are compared with the associated water quality standards to evaluate whether standards have been met. The results of this evaluation determine the attainment status of each waterbody (i.e., whether or not the beneficial uses are supported).

The Bureau of Water Quality Planning (BWQP) within the Nevada Division of Environmental Protection (NDEP) assesses the status of waterbodies and waterbody segments (i.e., assessment units) across the State. Results of BWQP's assessment are provided to the U.S. Environmental Protection Agency (EPA) in the biennial *Water Quality Integrated Report*, with the exception of waters that have been determined to not be a water of the U.S. For more information on regulatory requirements relating to the assessment of surface waters in the State of Nevada and waterbodies included for assessment, see the *Nevada 2020-2022 Water Quality Integrated Report.*

A.1.1 Designated Waters and Data Assessment

"Designated waters" are those waterbodies contained wholly or partially within the State that have specific beneficial uses and associated numeric criteria assigned to them in the Nevada Administrative Code (NAC), or are tributary to such waters (see NAC 445A.1239). Regulations in NAC 445A. 11704 through NAC 445A.2234 contain these beneficial use standards (i.e., water quality criteria). Water quality criteria are the limits on magnitude (e.g., concentration), duration (e.g., chronic or acute exposures), and frequency (i.e., allowable times the criteria may be violated) for specific parameters that support the beneficial uses of a waterbody.

To determine attainment status for a particular parameter in a particular waterbody, numeric criteria are evaluated against all available data for that waterbody, within the defined assessment period. All data used in the assessments have undergone quality reviews when obtained from the laboratory or when uploaded into BWQP's database. The use of purpose-built software has been instrumental in streamlining assessments, improving accuracy, repeatability, and enabling the digital flow of assessment results to EPA databases. Starting with the *Nevada 2016-2018 Water Quality Integrated Report,* BWQP began using the water-quality assessment and reporting tool (WART) to assess waterbodies and electronically transmit the assessment results to EPA's Assessment, Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS) database.

A.1.2 Period of Record

As required by the CWA section 303(d) and the Code of Federal Regulations (CFR) 130.7(B)(5), NDEP compiles and considers "*all existing and readily available water quality related data and information*," such as chemical and physical data for waterbodies, along with data for stream sediment, fish tissue, and biological samples. These types of data, along with narrative and qualitative information, are used to evaluate the condition of Nevada's waterbodies.

All available data reviewed for quality and collected within the most recent 5-year period are used in each biennial assessment. In some instances, the period of record used for assessment may be extended when combining two reporting cycles. For example, the *Nevada 2016-2018 Water Quality Integrated Report* combined the 2016 and 2018 reporting cycles and therefore used 7 years of available water quality data for assessment (October 1, 2009 through September 30, 2016). A delay between the data period of record and reporting cycle is used to accommodate for the time required for laboratory analysis of samples, reporting, data quality assurance and quality control (QA/QC) and the gathering and importing of data into appropriate databases for assessment.

For the purposes of water quality assessment, a "year" is a water year (October 1 through September 30). The use of the water year is important, especially in the arid regions, because these systems depend on winter storms providing snowpack, which then provides water during the spring and summer snowmelt season. The water year is used to better capture one complete annual hydroperiod for all waterbodies.

A.2 Data Used for Assessment

Existing and readily available data and information may include, but are not limited to, the following:

- Recent 303(d)/305(b) integrated reports.
- NDEP monitoring data.
- Data, information, and water quality issues reported from local, state, territorial, or federal agencies, tribal governments, the public, industry, and academic institutions.
- Assessments of nonpoint sources of pollution, per Section 319 of the Clean Water Act.
- Source-water assessments conducted under Section 1453 of the Safe Drinking Water Act.
- Results of dilution calculations, trend analyses, or predictive models for determining the physical, chemical, or biological integrity of streams, rivers, and lakes.
- Fish consumption or other health advisories issued by the Nevada Division of Public and Behavioral Health (NDPBH), and described on the Nevada Department of Wildlife (NDOW) website at http://www.ndow.org/Fish/Fish_Safety/Mercury/

For most waterbodies, the most comprehensive information comes from physical and chemical water-column monitoring data and scientifically defensible special studies (that may include chemical and biological information). Other types of data—such as data for stream sediment, fish tissue, narrative information, etc., —are generally not as common for waterbodies throughout Nevada. Although NDEP examines all types of data, most of the listing decisions are based upon numeric data from water-column samples or field measurements, because this type of data is most available. Data collected by NDEP is aggregated with data from outside entities for assessment.

A.2.1 BWQP Data

BWQP conducts monitoring of rivers, streams and lakes throughout the State. Data collected include, but are not limited to, general water chemistry, total and dissolved metals, volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), continuous temperature and dissolved oxygen, lake profile data, water clarity, and other parameters or qualities. Water quality samples are collected in a standard manner following all applicable protocols as outlined in the *Nevada Quality Assurance Program Plan for Surface Water Sampling* (NDEP, 2020) found here: https://ndep.nv.gov/uploads/water-wqm-docs/QAPP_FINAL_2020.pdf.

BWQP also collects biological data for many streams, rivers and lakes throughout the State as part of its Bioassessment Program. It is the intention of BWQP that in future Integrated Reports biological data, when available, be used as another line of evidence during the assessment process. Work is being done to update and improve the functionality of BWQP's database for biological data so these data can be more easily included in future assessments. For more information on BWQP's Bioassessment Program visit: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-monitoring/bioassessment-program

Duplicate or replicate field samples are collected at a rate of approximately 10 percent of total sampling. Data from these samples are used internally to evaluate quality of field sampling protocols. This means that approximately 10 percent of BWQP samples have two results for the same sampling location, date and time. These duplicate data are not used to assess attainment of beneficial uses. Data used for assessment are intended to be representative of the water over a variation of normal seasonal and flow conditions; therefore, using replicate data would bias assessments towards the condition of the water when the replicate samples were collected. Duplicate and replicate data have a unique qualifier code in the BWQP data warehouse that allows these data to be excluded from assessment calculations.

In situ measurements are made with calibrated instruments that are maintained routinely to manufacturer specifications. In addition to daily calibration, quarterly checks are done comparing all field instruments against calibration solutions to ensure consistency across all field instruments. More information on field equipment and QA can be found within the *QA Program Plan for Surface Water Sampling* https://ndep.nv.gov/uploads/water-wqm-docs/QAPP_FINAL_2020.pdf.

A.2.2 Continuous Stream Monitoring Data

Instantaneous grab samples represent water quality conditions at a specific point in time. Depending upon the time of day the sample was collected, the data may not capture the variability for some parameters such as dissolved oxygen (DO), pH, and temperature, which naturally vary over a 24-hour period. NDEP and other agencies including the Desert Research Institute (DRI), NDOW, Bureau of Land Management (BLM), and Truckee Meadows Water Reclamation Facility have collected continuous monitoring data for DO, pH, and temperature in some waterbodies. Evaluation of these datasets provides a more accurate assessment of compliance. In most cases the continuous monitoring data do not have a complete record set for the assessment period. These data were evaluated as follows:

> **Step 1** - For each dataset, minimum DO, minimum and maximum pH, and maximum temperature values were determined for each day. These minimum and maximum values were compared to the single-value (S.V.) standards to determine whether a standard violation occurred during each day. Standard violations for any length of time for a given day were considered one violation.
>
> **Step 2** - The standard was considered to not be met if the requisite number of values exceeded the criteria when assessed with the binomial method.

A.2.3 Lake Monitoring

Lakes and reservoirs are monitored on the focus-region schedule or for special projects. Long-term monitoring of the lakes and reservoirs has not been a priority, except for the data collected by other agencies on certain waters (e.g., Lake Mead, Lake Mohave, etc.). If the lake or reservoir is accessible by boat, water-column profile data will be collected at meter intervals for DO, specific conductance, pH, temperature, etc. Chemistry samples will be taken at the epilimnion (surface) and (if the total depth is over 5 meters) at the hypolimnion (bottom). If the total depth is over 10 meters, chemistry samples will also be taken at the middle or the metalimnion if a thermocline exists.

Generally, each of the individual data points at various depths was treated as an individual sample in the assessment analysis, unless the standard was for a water-column average (such as with DO in Lake Mead). Additionally, some lakes and reservoirs stratify (i.e., develop a thermocline). If data for certain lakes and reservoirs indicate a thermocline, only data above the thermocline are used to assess certain parameters, per criteria in the standards tables. WART has a function that allows the user to specify the presence, depth, and duration of a thermocline. The thermocline applies only to certain lakes, as specified.

A.2.4 Field versus Laboratory Data

Some of the available datasets include both field and laboratory values. Field pH is considered to be the more accurate measure because pH can change over time before the sample arrives at the laboratory. Therefore, field pH values were used whenever possible to assess. Laboratory pH was used in cases where field pH was not available. In the case of TDS and turbidity, laboratory data were deemed to be more reliable than field data and were used whenever possible.

For pH, temperature, TDS and some other parameters (e.g., SAR), "analysis" variables were created in WART, using logic sequences so that the tool could examine the data for the preferred form, or use the second choice for conducting the assessment if there were no data for the preferred choice. "Analysis" variables were also created to select appropriate values from some of the data (e.g., minimum DO values). The use of "if, then, else" logic meant that "analysis" variables could be created to use data for total metals if data for the dissolved fraction were lacking. Setting up such conditional statements in the database (i.e., the data warehouse) allows WART to maximize use of existing data during the assessment process.

A.2.5 Data Quality Assurance and Quality Control

Water quality samples collected by BWQP are sent to certified laboratories for analysis. Each laboratory provides a copy of their QA plan, and these documents are reviewed by BWQP. The QA Plan provides a procedural basis that establishes laboratory requirements for enabling and ensuring the production of reliable and accurate analytical data.

Data packages provided to BWQP by contracted laboratories contain a quality control (QC) summary for samples analyzed by the laboratory. The case narrative is a short summary statement about the analyses that might include the number and type of samples analyzed, along with any problems or qualifications. Any significant receipt, analysis, or QA/QC problems should be documented in the case narrative. BWQP staff review the QC reports provided in each data deliverable received, paying attention to the following:

- Laboratory narrative or statements of data quality by the laboratory
- Chain of custody records for laboratory and subcontracted laboratories
- Method detection limits, minimum levels of quantitation, and practical quantitation limits may be provided in the laboratory reports.
- Results for LCS and LCSD analyses
- Recovery of analytes spiked into the sample matrix or recovery of labeled compounds spiked into samples (Percent Recovery); are results within bounds?
- Data qualifiers and definitions provided by laboratory
- Results for laboratory and method blanks, especially for parameters expected in low concentrations, such as trace metals and organic compounds

Samples collected by BWQP are sent to Nevada-certified laboratories, and the analytical data are thoroughly reviewed upon the receipt of laboratory reports. These reports are reviewed in a standard way, as outlined in *QC Summary for BWQP Data*, which can be found as an attachment to the *Nevada Quality Assurance Program Plan* located here: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-monitoring.

A.2.6 Sourcing and Handling of Outside Data

One of the first steps in the process of data assessment is the solicitation and QC review of data from outside agencies (e.g., U.S. Geological Survey [USGS]). BWQP puts out a call for surface water quality data and sends it to a maintained email list, as well as posting it on the NDEP website. Data that are to be used for assessment purposes must be of acceptable quality because the addition or removal of a waterbody from the 303(d) list has many implications. Data must be collected, analyzed and reviewed for quality in a scientifically defensible manner.

The following steps are in place to ensure that BWQP makes the most informed decisions possible when reporting on the water quality status of a waterbody.

All data submitted from outside sources must meet certain criteria in order to be used for water quality assessment.

Any entity or individual is encouraged to submit data; however, data submitted for use in Nevada's water quality assessment must, among other things:

- Represent data that were collected in a scientifically defensible manner.
- Be accompanied by documentation of the quality assurance methods used to collect, analyze, and report the data.
- Include the method detection limit or reporting limit for each non-detect result, along with comments noting if the reporting limits have changed over the assessment period.

The inclusion of this documentation with data submittals allows BWQP to assess the quality of data for use in the assessment performed biennially for Nevada's Water Quality Integrated Report. Inclusion or exclusion of data is done at the discretion of BWQP. The call for data used for the *Nevada 2020-2022 Water Quality Integrated Report* can be found as Attachment 1 to this appendix.

Despite best efforts, there are times when data used for previous assessments are determined to be inappropriate for assessments; such data are removed from the assessment database. Rarely, this may result in a status change of a waterbody (category change) and may affect the 305(b)/303(d) lists. Waterbodies with a change in status between reports are listed as an attachment of the integrated report along with information related to the change.

A.2.7 Database (Data Warehouse)

BWQP maintains a database (known internally as the data warehouse) to store all water quality data (including outside agency data) used for assessment. WART uses this database as the only data source for analysis and assessment. Maintaining the data warehouse as a separate database allows BWQP to retain a record of all data used for assessment purposes and for the review and development of water quality standards.

BWQP is modifying the data warehouse to incorporate biological data, which is currently stored in a separate database. Use of biological data will provide an additional line of evidence when assessing waterbodies for attainment of water quality. Including biological information in future assessments should also help expand the scope and improve the quality of future assessments, as presented in the biennial integrated reports.

A.3 Water Quality Standards (Beneficial Use Criteria)

As described in Section 3.1 of the *2020-2022 Water Quality Integrated Report*, water quality standards are the values that protect the beneficial uses assigned to a water. Nevada's water quality standards, as contained in NAC 445A.11704 – 445A.2234, define the water quality goals for a waterbody, or a portion of a waterbody, by designating beneficial uses of the water and setting criteria necessary to protect the beneficial uses. Beneficial uses include, but are not limited to, contact recreation, irrigation, aquatic life, watering of livestock, and municipal or domestic supply.

There are two types of numeric criteria in the regulations: (1) waterbody-specific criteria for conventional pollutants, and (2) statewide criteria for toxic materials. Waterbody-specific numeric criteria have been developed for a number of waters in Nevada, as described in the water quality standards tables at NAC 445A.1252 – 445A.2234. These standards include criteria to protect the beneficial uses and, in certain cases, antidegradation requirements to maintain existing higher water quality (RMHQs). The tributary rule provides protection for many surface waters that are not specifically defined in the water quality standards tables in the NAC.

In many cases, river or stream systems consist of two or more segments (i.e., assessment units), which may have different beneficial uses and different numeric criteria. Segments are established at specific control points, pursuant to NAC 445A.1239. On a given waterbody, the standards apply to that control point and the remainder of the waterbody upstream, as well as all surface waters upstream (in Nevada) or to the next control point upstream. If there are no control points downstream from a particular control point, the standards for that control point apply for the remainder of the waterbody downstream, as well as all surface waters downstream (in Nevada) or to the next waterbody downstream that is named in the NAC. This is commonly referred to as the "Tributary Rule," as described in NAC 445A.1239.

A.3.1 Criteria Specific to Some Lakes

There are some water quality criteria applicable to certain lakes that require assessment of data only above the thermocline, which is a stable thermal "boundary layer" that prevents mixing of the water column during periods of lake stratification. The depth to the thermocline (if present) is determined through the review of *in situ* lake profile data. Depth of the thermocline is populated into the BWQP data warehouse for that unique lake profile data set (station, date, time). When assessing criteria restricted by the thermocline, WART uses the populated thermocline value to screen out data below the thermocline depth, thereby allowing only data above this depth to be used for assessment of certain parameters. When each criterion is created in WART, the user has the ability to define if the data used for a particular parameter should be screened at the thermocline value. For example, dissolved oxygen in Lake Mead (NAC 445A.2152) requires DO data below the thermocline to be excluded from the assessment.

A.3.2 Seasonal Criteria

There are additional criteria that have a seasonal component that may vary throughout the year. For example, seasonal temperature criteria on the Truckee River for the protection of the aquatic life beneficial use (NAC445A.1682). WART allows the user to create criteria defined within a specific date range each year and different criteria during other times of the year. Each seasonal criterion value is assessed against available data for that specific time period with the impairment determination made using the binomial method to assess attainment over the period of record.

A.3.3 Narrative Water Quality Criteria

There are certain criteria (e.g., NAC445A.121) that apply to all waters of the State. The narrative criteria in NAC445A.121 are assessed based on field observations of any irregularities in a waterbody. Observations are made and recorded by field staff as part of the standard protocols during the collection of routine water quality samples. These types of impairments are recorded as either present or absent. Criteria built in WART and applied to all waters for the 2020-2022 assessment will allow these narrative criteria to be quickly and accurately reviewed. Qualitative information related to the narrative standards has not been used as the sole basis for listing any waterbody on the 303(d) list; however, this type of information has been used as additional supporting evidence for some listings. Narrative data for waterbodies are generally considered insufficient evidence to list the waterbodies as impaired if those waterbodies (and those to which each were tributary) did not have applicable numeric standards by which to assess each.

A.3.4 Toxics

Criteria defined in NAC 445A.1236 apply to all designated waters with the associated beneficial uses (i.e., Aquatic Life, Irrigation, Watering of Livestock, Municipal or Domestic Supply). These criteria are in addition to any criteria a designated water may have in a specific standards table in the NAC. Some of the criteria values in the toxics table are calculated based on the other constituents in the water, for example, hardness. The hardness value and parameter value from the same sampling event are used to calculate the criteria values for that parameter. For these instances, the parameter result is automatically populated into the equation and the calculation is run to produce the criteria value. The calculated value for each criterion is then assessed against the reported value for that parameter to make an impairment decision.

A.3.5 Ammonia

In the case of ammonia (NAC445A.118), the criteria values used to assess beneficial use impairment are based on several factors (pH and temperature). Each waterbody is assigned to be a cold-water or warm-water fishery as appropriate, and this information is stored in WART. Based on the fishery type, WART then uses a two-value look up table to find the appropriate criteria values for that sample. The look up tables are direct derivations of the formulas found in NAC445A.118. Like other calculated criteria, only values from the same sample event are used in the calculation/look up tables to assess impairment. An impairment determination is then made based on the three-year + 25 percent method.

A.3.6 Criteria to Protect Human Health in the Code of Federal Regulations

In addition to the criteria to protect beneficial uses found within the NAC, the CFR contains additional water quality criteria specific to the State of Nevada for the protection of human health. Specific water quality criteria for the State of Nevada can be found in 40 CFR 131.36(11). These criteria are assessed in WART when data are available; however, collection and analysis of water samples for the suite of volatile organic compounds, semivolatile organic compounds, pesticides, and herbicides are expensive and only performed infrequently on mainstem waters. The CFR and the specific criteria are attached as Attachment 2 to this appendix.

A.3.7 Other Conditions: Extreme Events, High Flow, Low Flow

NAC 445A.121(8) states: "*The specified standards are not considered violated when the natural conditions of the receiving water are outside the established limits, including periods of extreme high or low flow*...." Extreme flow conditions are characterized as 7Q10 high and 7Q10 low values. The **7Q10 flows** are developed from historical streamflow data and are defined as a predicted high or low flow for a ***consecutive seven-day period with an expected recurrence interval of ten years***. NDEP has calculated 7Q10 flow statistics for long-term, active USGS streamflow gaging stations throughout Nevada up through 2016.

The use of 7Q10 values is not valid, however, for effluent-dominated systems or flow-controlled systems (such as immediately below a reservoir). 7Q10 values are only evaluated if there is a need to examine impairment causes for a particular circumstance. Additionally, 7Q10 values can also be inappropriate for small "flashy" streams, which may be intermittent in nature and respond quickly to precipitation events. For sites without sufficient flow data, BWQP uses best professional judgment to avoid sampling during extreme high-flow or low-flow events.

A.4 Nevada's Water-quality Assessment and Reporting Tool (WART)

Together, the data and the water quality standards are assessed for every parameter/standard/waterbody combination for which there are sufficient data. To perform this feat, BWQP commissioned the production of an assessment program to assist in the data analysis and determination of attainment of beneficial uses for Nevada's waters. The resulting program, WART, is a powerful program that allows BWQP staff to more quickly and accurately determine waterbody attainment status for all beneficial uses assigned to a waterbody. The backbone and logic of WART was built upon the water quality standards contained in the NAC for surface waters of the State.

WART retains a record of previous assessment cycles, including the data, criteria, beneficial uses, comments, and other useful information. Permanently storing this information for future reference is a valuable function, which allows previous assessment decisions to be reviewed, and trends and other information to be more easily tracked. WART also allows for the direct flow of assessment information electronically into EPA's ATTAINS database. This functionality greatly improves NDEP's ability to quickly share information and provide a more useful product to the general public.

After much testing and validation, WART was used for the 2016-2018 assessment, which is documented in the *Nevada 2016-2018 Water Quality Integrated Report* (NDEP, 2020).

A.4.1 Function: Assessments Using WART

WART was constructed to align with the tables of water quality standards in the NAC. The NAC contains tables of designated waters that have assigned beneficial uses (what use is being protected), along with numeric and narrative criteria assigned to protect these uses. Beneficial uses and numeric criteria are set up in WART for all assessment units (i.e., waterbodies and waterbody segments). In addition, there are other criteria that apply to all waters with certain beneficial uses (e.g., toxic substances; see NAC 445A.1236). The WART database of water quality criteria is updated for each reporting cycle, to reflect the most current criteria for each beneficial use in each waterbody.

WART allows authorized users to add, remove, or revise the criteria to protect beneficial uses on each waterbody, as well as the beneficial uses themselves. Initial input of criteria for over 700 waterbodies was done during the 2016-2018 assessment and was a time-consuming task. However, because this information is automatically carried forward for future assessments, users can update only those criteria and beneficial uses revised since the prior assessment.

A.4.1.1 Standard Groups

The organizational structure of water quality standards was established in WART by first assigning the standards into "groups." Standard groups include the following: Ammonia 118, Fish Tissue Group, Human Health, NV01 – Northwest Region, NV02 – Black Rock Desert Region, NV03 – Snake River Region, NV04 – Humboldt River Region, NV06 – Truckee River Region, NV08 – Carson River Region, NV09 – Walker River Region, NV10 – Central Region, NV11 – Great Salt Lake Region, NV13 – Colorado River Region, NV14 – Death Valley Region, Sediment Group, and Toxics 1236. These standard groups help organize the thousands of individual water quality standards that apply to surface waters in Nevada.

A.4.1.2 Standard Sets

Standard groups were further broken down into standard sets, which are based on water quality standard tables found in the NAC. Standard sets represent a set of waterbody-specific or beneficial-use-specific standards that are applied to each assessment unit (i.e., waterbody or waterbody segment). Most sets are associated with a specific table in NAC 445A.1258 through NAC 445A.2214, but some sets apply across all waterbodies. Broadly applicable standards, such as those for ammonia (NAC 445A.118) or toxic materials (NAC 445A.1236), are mainly organized by beneficial use (Table A-1.). Each standard set contains all the criteria values (or formulas for calculating criteria values) for each parameter in that set. The broadly applicable standards apply to all designated waters for which there is an aquatic-life beneficial use (in the case of ammonia), and (in the case of toxics) to designated waters for which there are aquatic life, irrigation, municipal or domestic supply, or watering of livestock beneficial uses.

WART also has the capability to generate various reports; this capability allows users to instantly generate and download the list of impaired waters, as well as a list of TMDLs, delisted impairments, and other summary reports. The main export provides the attainment status for all assessment units (i.e., waterbodies or waterbody segments) for the State of Nevada. This export also provides a summary of the status (i.e., Not Assessed, Fully Supporting, Insufficient Information, Not Supporting, etc.) for each designated beneficial use for each assessment unit (i.e., waterbody or waterbody segment).

Table A-1. Example Showing Structure of Standard Group and Standard Sets for Toxics in WART

Standard Group – Toxics 1236	
Standard Set Name	**No. of Unique Standards**
1236 Toxics AQL	67
1236 Toxics IRR	13
1236 Toxics MDS	55
1236 Toxics WLS	10

Notes: There are only four beneficial uses to which toxics apply: AQL = aquatic life, IRR = irrigation, MDS = municipal or domestic supply, WLS = watering of livestock. Toxics in NAC 445A.1236.

A.5 Assessment Categories

Beneficial uses are assessed against numeric criteria when sufficient data are available; beneficial uses are not assessed if no data or insufficient data are available. "Sufficiency" is defined by the types of criteria values; whether a value is calculated as an annual average or annual geometric mean, or if a binomial table of probability is used. Assessment units (i.e., waterbodies or waterbody segments) that lack sufficient data in the current cycle but had sufficient data in a previous cycle had previous assessment results "carried forward." The capabilities of WART and the establishment of different data cycles allow BWQP staff to check accuracy of past assessment results prior to carrying results forward.

During the assessment process, NDEP assumed that if an assessment unit (i.e., waterbody or waterbody segment) was meeting standards for one parameter that supported a particular beneficial use that that beneficial use was fully supported; sufficient data for other parameters would be required to refute that presumption. For example, when data were only available for temperature (for protecting aquatic life), then support for aquatic life was assessed based on temperature data alone.

A.5.1 Beneficial Use Attainment

For each assessment unit (i.e., waterbody or waterbody segment), every beneficial-use and parameter pairing was evaluated to determine use-attainment status (see results in Attachment 2 of the *2020-2020 Water Quality Integrated Report*). From this analysis, each beneficial use for a waterbody was assigned to one of the following use-attainment groups:

- Fully Supporting (F) – All water quality standards for the beneficial use were met.
- Insufficient Information (I) – Data exist but were insufficient to assess the beneficial use.
- Not Supporting (N) – At least one of the water quality standards for the beneficial use was not met.
- Not Assessed (X) – No data available to assess the beneficial use.

After review of the assessment decisions that WART has automatically calculated, a final attainment category is assigned for each parameter/beneficial use pairing. For example, if data for a particular assessment unit (i.e., waterbody or waterbody segment) shows that it is not

meeting the criteria for temperature (too many exceedances), BWQP staff reviews the data used and, if validated, confirms that temperature criteria are "not meeting" for that water. The associated beneficial use (in this case, aquatic life) would then also receive an assessment of "not meeting."

A.5.2 Waterbody Attainment

Based on the results for all parameter/beneficial use pairings, each assessment unit (i.e., waterbody or waterbody segment) was then placed in one of the following categories:

Category 1: **Fully Supported.** All designated uses were supported.

Category 2: **Some Uses Attained**. Data and information indicate that some of the designated uses were supported; and insufficient or no data were available to determine if the remaining uses were supported.

Category 3: **Insufficient Information**. There were insufficient data or information available to a make a use-support determination for any of the beneficial uses. This includes situations for which there are no data or information.

Category 4: **Impaired for One or More Designated Uses, but a TMDL is in Place**. Available data and information indicate that at least one designated use was not being supported. There were a handful of waterbodies categorized as 4a, and no waterbodies categorized as 4b or 4c in the Nevada 2020-2022 Water Quality Integrated Report.

Category 4a: A State-developed TMDL has been approved by EPA, or a TMDL has been established by EPA for any segment-pollutant combination. This is currently the only type of Category 4 water in Nevada.

Category 4b: Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time. (None currently in Nevada.)

Category 4c: The non-attainment of any applicable water quality standard for the segment is the result of an impairment that is not caused by a pollutant. (None currently in Nevada.)

Category 5: **Not Supported**. Available data and information indicate that at least one designated use is not being supported and a TMDL is needed. Waterbodies listed as Category 5 are also known as impaired waters on the 303(d) List (i.e., "listed waters").

N/A This is not an attainment category, but is reserved for nontributary waters that lack designated beneficial uses, standards, and data. These waters cannot be assessed at present.

WART allows for the quick review of assessment decisions that the program has automatically reached. Data used for a specific calculation on a waterbody may be downloaded by the user. Every assessment decision is reviewed and finalized by BWQP staff. Note that there may be multiple criteria assigned for the protection of a single beneficial use on a waterbody and all criteria must be "meeting" in order for the beneficial use to be considered "meeting."

A.6 Methods for Determining Impairments

WART uses several different types of sample value calculations and impairment determination methods, depending on the criteria being assessed. When a water quality standard is added to a waterbody for assessment purposes, the user has the ability to select what methods are to be used to assess the criteria values for each beneficial use.

1. There are four **types of criteria** available in WART that allow all water quality criteria to be assessed: ***simple, calculated, one-value lookup*** *and* ***two-value lookup***.

2. The options available for **sample value calculations** include the following: ***simple*** *(e.g., <10 milligrams per liter [mg/L]),* ***average, median*** *and* ***geometric mean***.

3. **Impairment determinations** are made on one of the following: the ***binomial method, three-year period, three-year +25 percent****, or* ***annual/seasonal types****.*

These three components (criteria type, sample value calculation, impairment determination) allow for all of Nevada's water quality standards to be assessed in WART to determine if the beneficial uses of a water are being supported. Generally, a beneficial use was considered to be supported under the following guidelines:

- **Conventional and some toxic materials standards (single value or 24-hour average)**: A beneficial use protected by a single value or 24-hour average criterion was assumed to be supporting if 10% or less (as determined using the binomial distribution approach, discussed below) of the data points exceeded the criterion value.

- **Average, geometric mean, log mean and median standards**: A beneficial use protected by an annual or seasonal average, mean, or median criterion value was assumed to be supporting if the criterion value was never exceeded during the assessment period.

- **Aquatic life: Toxic materials with acute (1-hour average) and chronic (96-hour average) criteria**: A beneficial use was assumed to be supporting if there were less than two (2) exceedances of the criterion value ***and*** less than 25 percent exceed a criterion value in any three-year period.

The same data requirement exists for both the listing and delisting of waters as impaired for a given parameter. A minimum number of three samples in the reporting period are required to make a determination if a standard is or is not met. More information can be found in the *Nevada 2020-2022 Water Quality Integrated Report*.

A.6.1 Binomial Method

NDEP uses the binomial-distribution methodology rather than the raw-score approach to assess water quality data for determining possible impairments. The raw score is a simple calculation that identifies standards as "not being met" when data for more than 10 percent of the water quality samples exceed the value of an applicable criterion. The raw-score method does not allow for any adjustments to account for small samples sizes and the larger uncertainties associated with small sample sizes. In contrast, the binomial method is a statistical approach that accounts for both sample size and uncertainty.

The binomial method is a nonparametric statistical test with a null hypothesis (H_o) stating that the true 90th percentile of the concentration distribution is less than or equal to the value of the applicable criterion. The null hypothesis—which represents the condition assumed to be true—is rejected at an assigned confidence level if the standard is exceeded for more than 10 percent of the samples, with uncertainties adjusted for sample size. There is always uncertainty in the estimated proportion of the samples that exceed the applicable criterion. The degree of this uncertainty is a function of sample size and the number of exceedances. The fewer samples taken, the more uncertainty there is. For small sample sets, there is relatively low certainty that the samples adequately represent the waterbody as a whole. As the size of the sample set increases, the proportion of samples necessary to determine impairment approaches 10 percent, because a larger data set means more certainty that the samples adequately represent the waterbody as a whole.

In Nevada's analysis for all parameters with a single-value criterion (including non-acute or non-chronic toxic materials, 24-hour toxic materials and not-to-exceed criteria), a standard was considered to not be met (that is, the null hypothesis was rejected) if the "true" exceedance percentage was greater than 10 percent at a 90 percent confidence level. Table A-2 provides the minimum number of exceedances for sample sizes from 3 to 500.

A.6.2 Average, Geometric Mean, Log Mean and Median Standards

The water quality standards for some parameters are defined as calculated values (e.g., annual average, annual median, seasonal average, or annual geometric mean). In general, at least two samples are needed during the defined time period in order to perform the calculation. For these types of standards, a standard was considered as "not met" if the applicable criterion was exceeded at least once during the assessment period. Some standards contain both single-value and calculated values. For these cases, each applicable criterion was evaluated independently.

If either criterion was not met, the associated beneficial use was found to be not supported, unless specifically stated in the standard that both criterion values need to be exceeded for the waterbody to be designated as impaired. A beneficial use protected by an annual or seasonal average, mean, or median criterion value was assumed to be supporting if the criterion value was never exceeded during the assessment period.

Table A-2. Binomial Method: Minimum Number of Exceedances to Categorize a Standard as Not Met

Sample Size	Minimum Number of Exceedances	Sample Size	Minimum Number of Exceedances	Sample Size	Minimum Number of Exceedances
1-2	Insuff. data	157-164	21	334-343	41
3-11	3	165-173	22	344-352	42
12-18	3	174-182	23	353-361	43
19-25	4	183-191	24	362-370	44
26-32	5	192-199	25	371-379	45
33-40	6	200-208	26	380-388	46
41-47	7	209-217	27	389-397	47
48-55	8	218-226	28	398-406	48
56-63	9	227-235	29	407-415	49
64-71	10	236-244	30	416-424	50
72-79	11	245-253	31	425-434	51
80-88	12	254-262	32	435-443	52
89-96	13	263-270	33	444-452	53
97-104	14	271-279	34	453-461	54
105-113	15	280-288	35	462-470	55
114-121	16	289-297	36	471-479	56
122-130	17	298-306	37	480-489	57
131-138	18	307-315	38	490-498	58
139-147	19	316-324	39	499-500	59

Table values from: Lin, P., Meeter, D., and Niu, X. October 2000. A Nonparametric Procedure for Listing and Delisting Impaired Waters Based on Criterion Exceedances. Department of Statistics, Florida State University.

A.6.3 Three-Year + 25 percent: Toxic Materials with Acute (1-hr) and Chronic (96-hr) Criteria

Several toxic compounds have acute (1-hour) and chronic (96-hour) standards for which the binomial method was not applied. Acute standards are estimates of the highest concentration of a material in surface water to which an aquatic community can be exposed briefly without resulting in an unacceptable effect. Chronic standards are estimates of the highest concentration of a material in surface water to which an aquatic community can be exposed long term without resulting in an unacceptable effect.

The acute and chronic standards were assumed to be met if there were less than two exceedances of the standard in any three-year block during the assessment period. For assessment purposes, grab samples were assumed to be representative of acute (1-hour)

conditions and, as such, data from a single grab sample were compared directly to the acute criteria to determine violations. NDEP averaged the concentrations of samples if they were collected within 1 hour of each other. Two or more exceedances in a three-year period within a waterbody/waterbody segment were needed to consider a waterbody impaired, based upon acute criteria for toxic compounds.

NDEP has determined that the most-rigorous interpretation of the 96-hour criteria is that at least two samples are needed within a 4-day period to be representative of 96-hour conditions and be appropriate for an assessment of chronic standards. However, most of the toxics data in the assessment database do not meet this condition, requiring the use of another approach. NDEP recognizes that grab-sample data that consistently exceed the standard may be indicative of chronic (96-hour) water quality impairment. Therefore, waters were considered impaired when grab-sample data exceeded the chronic (96-hour) standard two or more times in a three-year period and for more than 25 percent of the samples. A minimum number of three samples was required to be sufficient for assessment. There are instances where multiple samples were collected on the same day within one waterbody. Any exceedances of chronic standard by multiple samples collected in a single day were only counted as one violation.

The magnitude of exceedance is also considered. Waters for which grab-sample data exceed the chronic (96-hour) standard two or more times in a three-year period but 25 percent or less of the time are typically considered “meeting.” However, if a significant number of the samples substantially exceeded the standard, these may still be considered impaired, based on best professional judgment.

A.7 Best Professional Judgment

The use of best professional judgment is critical in ensuring that assessment decisions reflect the most accurate interpretation of data. The organization and analytical power of WART allow staff to quickly review impairment decisions and easily review the criteria and data used. Under certain situations, NDEP reserves the right to use best professional judgment to make listing and delisting decisions. The assessment methodology is intended to serve as a framework for the listing process but cannot anticipate all possible conditions. The ultimate listing decision is based upon whether beneficial uses are being supported, as determined by the available data and applicable criteria.

This page intentionally blank

Attachment A1 to Appendix A

Response to Data Received

BWQP appreciates the entities that submitted water quality data, but unfortunately the data submitted were not usable within our water quality assessment process. The two entities are listed below, along with BWQP reasoning for not using the data in our water quality assessment.

Data Received from the Pyramid Lake Paiute Tribe

Sent: Wednesday, March 3, 2021 1:44 PM

To Mr. Simpson,
Hello, as requested in the January 4, 2021 public notice solicitation for statewide water quality data, the Pyramid Lake Paiute Tribe Water Quality Program is pleased to present Lower Truckee River data for the 2020-2022 NDEP Water Quality Integrated Report. We are confident that this data exceeds the minimum requirements needed for water quality data submission. Please find the attached materials to this email message.

Enclosures: **This letter**

'PLPT WQP LTR Analytical Data 2013-2020.xlsx' Microsoft Excel spreadsheet files

- 2 types, in ANNUALIZED and TOTAL YEARS' formats

'PLPT WQP Field Measurement Data 2013-2020.xlsx' Microsoft Excel spreadsheet file

- 2 types, in ANNUALIZED and TOTAL YEARS' formats

'PLPT QAPP Water Quality Monitoring of Surface Water within PLIR, Nevada.pdf' file

Thank you for incorporating this data into your WQ Integrated report, have a great day!

Reason For Not Using Data:

We appreciate the complete package the Pyramid Lake Paiute Tribe Water Quality Program put together; it is what we look for in outside agency data for our assessments. However, because we do not assess waters on tribal lands, we are not able to use your data collected on Pyramid Lake Paiute Tribe lands. We will try to assess your data against our water quality standards on our lowest reach of the Truckee River (NAC 445A.1694) but will not be able to include the assessment in our Integrated Report. We would like to schedule a virtual meeting with your team as it would be good for us to coordinate our efforts as we strive for improving water quality.

NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

STATE OF NEVADA
Department of Conservation & Natural Resources
Steve Sisolak, *Governor*
Bradley Crowell, *Director*
Greg Lovato, *Administrator*

January 4, 2021

PUBLIC NOTICE - Data Request Extended Timeframe
Water Quality Data and Information for the Nevada 2020 - 2022 Water Quality Integrated Report and Surface Water Quality Assessment (303(d)/305(b))

NDEP has decided to combine the 2020 and 2022 Integrated Reports extending the timeframe for the data request to September 30, 2020. NDEP is soliciting water quality and biological data to be used in the Nevada 2020 - 2022 Water Quality Integrated Report, which includes an assessment of surface water quality throughout Nevada. All data related to the physical, chemical and biological conditions of Nevada surface water—including data for fish-tissue samples—collected within the time period from **October 1, 2013 to September 30, 2020** are requested.

Data and information may be submitted by anyone, including private citizens, public agencies, state and federal governmental agencies, non-profit organizations, and businesses. NDEP staff will evaluate all submissions to determine whether the information and data are applicable and of sufficient quality for characterizing the condition of each waterbody.

In 1972, Congress passed Public Law 92-500, the Federal Water Pollution Control Act, commonly known as the Clean Water Act (CWA). The goal of the CWA is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters. NDEP implements the CWA in Nevada, with oversight from the U.S. Environmental Protection Agency (EPA).

Every two years, NDEP is required by the CWA to conduct a comprehensive analysis of water quality data associated with Nevada's surface waters to assess whether water quality standards are being met and designated beneficial uses are being supported. This assessment evaluates the condition of waterbodies throughout Nevada.

The current Integrated Report is located at: https://ndep.nv.gov/water/rivers-streams-lakes/water-quality-standards/303d-305b-water-quality-integrated-report.

All data submittals must meet the following requirements:

- Include the name of the organization or person providing the information, along with the name and telephone number (or email address) for a contact person who can answer questions about the submitted information.
- Reflect water-quality conditions within the timeframe from **October 1, 2013 to September 30, 2020.**
- Represent data that were collected in a scientifically defensible manner.

- Be accompanied by documentation of the quality assurance methods used to collect, analyze, and report the data.
- Describe accurately the sampling locations; if possible, include maps showing sampling locations.
- Be reported with the speciation and the parameter name; for example, “Nitrate (as N) or (as NO_3)” and “Total Phosphate (as P) or (as PO_4).”
- Include a description of metals data as either dissolved or total (that is, samples were field-filtered or not).
- Include the method detection limit or reporting limit for each non-detect result, along with comments noting if the reporting limits have changed over the assessment period.
- Provide numeric data in electronic form (spreadsheet or database). The data submitted should include at the minimum:
    - site location ID,
    - waterbody name,
    - location description,
    - latitude and longitude (or other geographic coordinate description),
    - sample date,
    - sample time,
    - sample depth,
    - parameter name,
    - value of analyte (parameter),
    - unit of measure for all parameters,
    - detection limit or reporting limit*,
    - analytical date*,
    - analytical method used*,
    - laboratory name*,
    - comments pertaining to the data or the sampling event.

    ** If applicable analysis is completed*

All submittals will be accepted until **March 4, 2021**.

Submittals, as well as questions or comments, should be directed to:

Dave Simpson,
Nevada Division of Environmental Protection
Bureau of Water Quality Planning
901 S. Stewart Street, Suite 4001
Carson City, Nevada 89701
(775) 687-9548 Email: dsimpson@ndep.nv.gov

Data Received from Nevada Gold Mines, LLC

Submissions Dated: March 25, 2020 & November 5, 2020

NEVADA GOLD MINES LLC
1655 Mountain City Hwy Elko, Nevada 89801

Nevada Gold Mines LLC (NGM) hereby submits the enclosed Thermistor Data Report per the Nevada Division of Environmental Protection's request.

The enclosed report includes temperature data from eight creeks surrounding the NGM Goldstrike Mine from 2004 up until the most recent data retrieval that occurred on March 19, 2020. Geographic coordinates for each of the creek locations are listed in Appendix A Hardcopies of the thermographs are included in Appendix B. The table in Appendix C summarizes the history of thermistors at all eight creek locations.

Temperature data was collected using HOBO® U22 Water Temp Pro v2 loggers (Part# U22-001).

Reason For Not Using Data:
This data was not submitted in a format directly for use in our assessment. The information was submitted in hard copy, and not in a digital form that can be used in our assessment. However, BWQP appreciates Nevada Gold Mines collecting the data and for providing us with the hard copy thermographs.

Attachment A2 to Appendix A

Criteria to Protect Human Health in the Code of Federal Regulations

In addition to the criteria to protect beneficial uses found within the NAC, the CFR contains additional water quality criteria specific to the State of Nevada for the protection of human health. Specific water quality criteria for the State of Nevada can be found in 40 CFR 131.36(11). These criteria (**Table A2-1**) are assessed in WART when data are available; however, collection and analysis of water samples for the suite of volatile organic compounds, semivolatile organic compounds, pesticides, and herbicides are expensive and only performed infrequently on mainstem waters.

(11) Nevada, EPA Region 9.

(i) All waters assigned the use classifications in Chapter 445 of the Nevada Administrative Code (NAC), Nevada Water Pollution Control Regulations, which are referred to in paragraph (d)(11)(ii) of this section, are subject to the criteria in paragraph (d)(11)(ii) of this section, without exception. These criteria amend the existing State standards contained in the Nevada Water Pollution Control Regulations. More particularly, these criteria amend or supplement the table of numeric standards in NAC 445.1339 for the toxic pollutants identified in paragraph (d)(11)(ii) of this section.

(ii) The following criteria from matrix in paragraph (b)(1) of this section apply to the waters defined in paragraph (d)(11)(i) of this section and identified below:

Water and use classification	Applicable criteria
Waters that the State has included in NAC 445.1339 where Municipal or domestic supply is a designated use	These waters are assigned the criteria in: Column B1 - pollutant #118 Column B2 - pollutant #118 Column D1 - pollutants #15, 16, 18, 19, 20, 21, 23, 26, 27, 29, 30, 34, 37, 38, 42, 43, 55, 58-62, 64, 66, 73, 74, 78, 82, 85, 87-89, 91, 92, 96, 98, 100, 103, 104, 105, 114, 116, 117, 118
Waters that the State has included in NAC 445.1339 where Municipal or domestic supply is not a designated use	These waters are assigned the criteria in: Column B1 - pollutant #118 Column B2 - pollutant #118 Column D2 - all pollutants except #2.

(iii) The human health criteria shall be applied at the 10^{-5} risk level, consistent with State policy. To determine appropriate value for carcinogens, see footnote c in the criteria matrix in paragraph (b)(1) of this section.

Table A2-1. Human Health Criteria promulgated onto Nevada by U.S. EPA in 40 CFR 131.36(d)(11) in December, 1992.

40 CFR 131.36 1992	Toxics Table (445A.1236) (MDS use only)	EPA Promulgated (December, 1992) Chemicals for Human Health Criteria, 40 CFR 131.36(d)(11)	CAS Number	Water&Organism, µg/L (column D1) (MDS & FC)	Organism Only, µg/L (column D2) (No MDS use)
1	T -146 µg/L	Antimony	7440360		4,300
8	T - 2 µg/L	Mercury	7439976		0.15
9	T -13.4 µg/L	Nickel	7440020		4,600
12	T -13 µg/L	Thallium	7440280		6.3
14	T - 200 µg/L	Cyanide	57125		220,000
15		Asbestos	1332214	7 million fibers/L	
16		**2,3,7,8-TCDD (Dioxin)**	**1746016**	**0.00000013**	**0.00000014**
17	T- 320 µg/L	Acrolein	107028		780
18		**Acrylonitrile**	**107131**	**0.59**	**6.6**
19	T - 5 µg/L	**Benzene**	**71432**	**12**	**710**
20		**Bromoform**	**75252**	**43**	**3,600**
21	T - 5 µg/L	**Carbon Tetrachloride (tetrachloromethane)**	**56235**	**2.5**	**44**
22	T - 488 µg/L	Chlorobenzene (monochlorobenzene)	108907		21,000
23		**Chlorodibromomethane**	**124481**	**4.1**	**340**
26		**Chloroform**	**67663**	**57**	**4,700**
27		**Dichlorobromomethane**	**75274**	**2.7**	**220**
29	T - 5 µg/L	**1,2-Dichloroethane**	**107062**	**3.8**	**990**
30	T - 7 µg/L	**1,1-Dichloroethylene**	**75354**	**0.57**	**32**
32		1,3-Dichloropropene	542756		1,700
33	T - 1,400 µg/L	Ethylbenzene	100414		29,000
34		Methyl Bromide	74839	48	4,000
36		**Methylene Chloride (dichloromethane)**	**75092**		**16,000**
37		**1,1,2,2-Tetrachloroethane**	**79345**	**1.7**	**110**
38		**Tetrachloroethylene**	**127184**	**8**	**88.5**
39	T - 14,300 µg/L	Toluene	108883		200,000
42		**1,1,2-Trichloroethane**	**79005**	**6**	**420**

40 CFR 131.36 1992	Toxics Table (445A.1236) (MDS use only)	EPA Promulgated (December, 1992) Chemicals for Human Health Criteria, 40 CFR 131.36(d)(11)	CAS Number	Water&Organism, µg/L (column D1) (MDS & FC)	Organism Only, µg/L (column D2) (No MDS use)
43	T - 5 µg/L	**Trichloroethylene (trichloroethene)**	**79016**	**27**	**810**
44	T - 2 µg/L	**Vinyl Chloride (chloroethylene)**	**75014**		**5,250**
46	T - 3,090 µg/L	2,4-Dichlorophenol	120832		790
48	T - 13.4 µg/L	2-Methyl-4,6-Dinitrophenol	534521		765
49	T - 70 µg/L	2,4-Dinitrophenol (Dinitrophenols)	51285		14,000
53	T - 1,010 µg/L	**Pentachlorophenol**	**87865**		**82**
54	T - 3,500 µg/L	Phenol	108952		4,600,000
55		**2,4,6-Trichlorophenol**	**88062**	**21**	**65**
58		Anthracene	120127	9600	110,000
59		**Benzidine**	**92875**	**0.0012**	**0.0054**
60		**Benzo(a)Anthracene**	**56553**	**0.028**	**0.31**
61		**Benzo(a)Pyrene**	**50328**	**0.028**	**0.31**
62		**Benzo(b)Fluoranthene**	**205992**	**0.028**	**0.31**
64		**Benzo(k)Fluoranthene**	**207089**	**0.028**	**0.31**
66		**Bis(2-Chloroethyl) Ether**	**111444**	**0.31**	**14**
67	T - 34.7 µg/L	Bis(2-Chloroisopropyl) Ether	108601		170,000
68	T - 15,000 µg/L	**Bis(2-Ethylhexyl)Phthalate = (Di-2-ethylhexyl phthalate)**	**117817**		**59**
73		**Chrysene**	**218019**	**0.028**	**0.31**
74		**Dibenzo(a,h)Anthracene**	**53703**	**0.028**	**0.31**
75	T - 400 µg/L	1,2-Dichlorobenzene (o-dichlorobenzene)	95501		17,000
76	T - 400 µg/L	1,3-Dichlorobenzene (m-dichlorobenzene)	541731		2,600
77	T - 75 µg/L	1,4-Dichlorobenzene (p-dichlorobenzene)	106467		2,600
78		**3,3'-Dichlorobenzidine**	**91941**	**0.4**	**0.77**
79	T - 350,000 µg/L	Diethyl Phthalate	84662		120,000
80	T - 313,000 µg/L	Dimethyl Phthalate	131113		2,900,000
81	T - 34,000 µg/L	Di-n-Butyl Phthalate (Dibutyl phthalate)	84742		12,000
82		**2,4-Dinitrotoluene**	**121142**	**1.1**	**91**

40 CFR 131.36 1992	Toxics Table (445A.1236) (MDS use only)	EPA Promulgated (December, 1992) Chemicals for Human Health Criteria, 40 CFR 131.36(d)(11)	CAS Number	Water&Organism, µg/L (column D1) (MDS & FC)	Organism Only, µg/L (column D2) (No MDS use)
85		**1,2-Diphenylhydrazine**	**122667**	**0.4**	**5.4**
86	T - 42 µg/L	Fluoranthene	206440		370
87		Fluorene	86737	1300	14,000
88		**Hexachlorobenzene**	**118741**	**0.0075**	**0.0077**
89		**Hexachlorobutadiene**	**87683**	**4.4**	**500**
90	T - 206 µg/L	Hexachlorocyclopentadiene	77474		17,000
91		**Hexachloroethane**	**67721**	**19**	**89**
92		**Ideno(1,2,3-cd)Pyrene**	**193395**	**0.028**	**0.31**
93	T - 5,200 µg/L	**Isophorone**	**78591**		**6,000**
95	T - 19,800 µg/L	Nitrobenzene	98953		1,900
96		**N-Nitrosodimethylamine**	**62759**	**0.0069**	**81**
98		**N-Nitrosodiphenylamine**	**86306**	**50**	**160**
100		Pyrene	129000	960	11,000
102	T - 0 µg/L	**Aldrin**	**309002**		**0.0014**
103		**alpha-BHC (alpha-HCH)**	**319846**	**0.039**	**0.13**
104		**beta-BHC (beta-HCH)**	**319857**	**0.14**	**0.46**
105	T - 4 µg/L	**gamma-BHC (Lindane)**	**58899**	**0.19**	**0.63**
107	T - 0 µg/L	**Chlordane**	**57749**		**0.0059**
108	T - 0 µg/L	**4,4'-DDT**	**50293**		**0.0059**
109		**4,4'-DDE**	**72559**		**0.0059**
110		**4,4'-DDD**	**72548**		**0.0084**
111	T - 0 µg/L	**Dieldrin**	**60571**		**0.0014**
112	T	alpha-Endosulfan	959988		2
113	T	beta-Endosulfan	33213659		2
114		Endosulfan Sulfate	1031078	0.93	2
115	T - 0.2 µg/L	Endrin	72208		0.81
116		Endrin Aldehyde	7421934	0.76	0.81
117	T	**Heptachlor**	**76448**	**0.0021**	**0.0021**

40 CFR 131.36 1992	Toxics Table (445A.1236) (MDS use only)	EPA Promulgated (December, 1992) Chemicals for Human Health Criteria, 40 CFR 131.36(d)(11)	CAS Number	Water&Organism, µg/L (column D1) (MDS & FC)	Organism Only, µg/L (column D2) (No MDS use)
118	T	**Heptachlor Epoxide (CCC=0.0038 µg/L, CMC=0.52 µg/L)**	**1024573**	**0.001**	**0.0011**
126	T - 5 µg/L	**Toxaphene**	**8001352**		**0.0075**

Notes: Nevada uses a 1.0E-05 risk level for carcinogenic compounds, so the values in this table differ from the 1.0E-06 risk levels in 40 CFR 131.36. Chemical criteria values shown in red bold font in this table are classified by EPA as carcinogenic or likely carcinogenic compounds.

Risk levels for many of the parameters in this table were updated in 2015. Nevada has not adopted the new values, so the 1992 chemicals and criteria values shown here apply to water quality in Nevada's surface waters.

Some parameters listed in this table can also be found in NAC 445A.1236, the toxics table, which covers the beneficial uses of municipal or domestic supply (MDS), aquatic life (AQL), irrigation (IRR), and watering of livestock (WLS). A "T" in the second column indicates these parameters.

Appendix B

Comments and Responses to Comments

This page intentionally blank

Comments Received from the Earth Law Center. Comment letter dated July 28, 2021

Re: Comment Letter – Requesting the listing of all segments of the Colorado River hydrologically impaired waterways under Category 4C of the 2020/2022 Integrated Report.

Dear Nevada Division of Environmental Protection:

Earth Law Center is a nonprofit organization that advances the rights of waterways and other ecological systems. We have advocated for complete and accurate 303(d) lists and 305(b) reports for ten years, particularly in California and other Western states. We believe that the Nevada Division of Environmental Protection (NDEP) should consider all readily available data and information, including flow data, and list waterways as "impaired" due to hydromodification where support by such data and information. As an initial step, we request the listing of all segments of the Colorado River—one of the most over-diverted and excessively dammed rivers in the world—as hydrologically impaired waterways under Category 4C of your next Integrated Report (whether 2020 or combined 2020/2022 reports—or even 2018 if you are still making alternations).

As you know, the Clean Water Act requires listing *all* sources of impairment—including hydrologically-impaired waterways, such as those with low flows. (Attachment 1 is a report from Earth Law Center on this subject).[1] Hydrologically-impaired waterways should be listed under Category 4C, which is reserved for waterways that are "impaired due to pollution not caused by a pollutant."[2] Although hydrological impairments do not trigger TMDLs, as explained by U.S. EPA, "States can employ a variety of watershed restoration tools and approaches to address the source(s) of the impairment" for Category 4C listings.[3] Some states list hydrologically impaired waterways under Category 5 for convenience. Furthermore, Federal regulations state that States must evaluate "all existing and readily available information" in developing their 303(d) lists and prioritizations.[4] Readily available data includes flow data as well as the 305(b) report itself.[5]

U.S. EPA addresses the process of identifying hydrologically impaired waters in its 2015 EPA Listing Guidance, which does not require adoption of flow standards as a prerequisite for listings, stating that:

> If States have data and/or information that a water is impaired due to pollution not caused by a pollutant (e.g., aquatic life use is not supported due to hydrologic alteration or habitat alteration), those causes should be identified and that water should be assigned to Category 4C. Examples of hydrologic alteration include: a perennial water is dry; no longer has flow; has low flow; has stand-alone pools; has extreme high flows; or has other significant alteration of the frequency, magnitude, duration or rate-of-change of natural flows in a water; or a water is characterized by entrenchment, bank destabilization, or channelization. Where circumstances such as unnatural low flow, no flow or stand-alone pools prevent sampling, it may be appropriate to place that water in Category 4C for impairment due to pollution not caused by a pollutant. In order to simplify and clarify the identification of waters impaired by pollution not caused by a pollutant, States may create further sub-categories to distinguish such waters.[6]

NDEP must consider all readily available data and information potentially supporting the hydrological impairment of waterways in Nevada, including all segments of the Colorado River.

The Colorado River is perhaps the most obvious example of a hydrologically impaired waterway in the United States. At one time, the Colorado River, the world's seventh-longest river, carried water from the Rocky Mountains 1,500 miles south into the Gulf of California. This is no longer the case. The Colorado River now regularly falls about 50 miles short of even reaching the sea because all of its water is diverted for irrigation and domestic uses.7 Beneficial uses being impaired by altered flow include public water supply, hydroelectric power, municipal water, irrigation, recreation areas, tribes, national parks, wildlife refuges, mining, livestock, aquaculture, thermoelectric power, wastewater, commercial supply, and industrial supply.

Low flows suffered by the Colorado River are going to worsen as climate change is expected to decrease the river's flow up to 20 percent in the next 30 or so years. Dams constructed on the Colorado River also have huge ecological repercussions: Natural habitats have been destroyed, unnatural flow regimes have been created, sediments have become trapped that are essential to the creation of certain riparian habitats, and water temperatures have been altered, all of which devastates native fish populations.8 The Colorado River clearly and unequivocable suffers from hydrological impairment.

In sum, we urge the NDEP to list all segments of the Colorado River as impaired due to hydromodification under Category 4C of the Integrated Report. Although we believe Colorado River segments is a good starting point, we also urge you to list all other waterways as hydrologically impaired where supported by readily available data and information (see the attached report for more information on methodologies).

Thank you for the opportunity to submit these comments. If you have any questions or would like additional information, please do not hesitate to contact us.

1 For a full legal analysis and description of state practices, see Earth Law Center, "Flow-Impairment Toolkit: Impairment Listings for Low-Flow Waterways under the Clean Water Act" (attachment 1).

2 See e.g., U.S. Environmental Protection Agency, "Information Concerning 2016 Clean Water Act Sections 303(d), 305(b), and 314 Integrated Reporting and Listing Decisions," p. 15 (Aug. 13, 2015).

3 Id.

4 40 CFR § 130.7(b)(5)

5 See Thomas v. Jackson, 581 F.3d 658, 661 (citing 40 C.F.R. § 130.7(b)(5)(i)).

6 2015 EPA Listing Guidance, supra, p.15

7 Sarah Zielinski, The Colorado River Runs Dry, SMITHSONIAN INSTITUTION (Oct. 2010), www.smithsonianmag.com/science-nature/the-colorado-river-runs-dry-61427169/

8 Kurt Repanshek, Report Raises Concerns Over How Colorado River Basin Dams Impact National Parks, NATIONAL PARKS TRAVELER (May 1, 2011), www.nationalparkstraveler.org/2011/05/report-raises-concerns-overhow-colorado-river-basin-dams-impact-national-parks8019.

NDEP Response to ELC:

Thank you for your comments. NDEP recognizes that extensive hydrologic modifications have been made to the Colorado River. The segments of the Colorado River system that are assessed in Nevada include the following:

1. Lake Mohave
2. Lake Mead
3. Colorado River from Lake Mohave to the Nevada-California border, and
4. Colorado River from Hoover dam to Lake Mohave inlet.

One of these four segments (Lake Mohave) is impaired for temperature and is placed under Category 5, – "Impaired or threatened by pollutant(s) for one or more designated uses and requiring a TMDL." Lake Mead is assessed as a lake or reservoir rather than as a river segment, and Lake Mead remains as "Category 1 - Attaining all designated uses." The two segments of the Colorado River were delisted in the 2020-2022 assessment for a previous temperature impairment.

Nevada has not previously used the Category 4C in such cases, largely due to Nevada law (see Nevada Revised Statute, NRS), which specifically precludes infringement of vested water rights (excerpt below).

<u>NRS 445A.725</u>

NRS 445A.725 Provisions of title 48 of NRS unaffected. Nothing in NRS 445A.300 to 445A.730, inclusive, shall be construed to amend, modify or supersede the provisions of title 48 of NRS or any rule, regulation or order promulgated or issued thereunder by the State Engineer.

(Added to NRS by 1973, 1719)

Comments received via email from Zack Blumberg, Stormwater Planning Supervisor, Nevada Department of Transportation. (Several emails were received from Mr. Blumberg between December 15, 2021 and December 30, 2021; all are compiled herein).

Page	Comment	NDEP Response.
vi	The Beneficial Uses and Abbreviations table should include that the Uses Promulgated by U.S. Environmental Protection Agency (FC, W&O, and OO) can be found in 40 CFR 131.36.	These beneficial uses have been added to the table.
ES-1	Paragraph 2 includes the term "designated beneficial uses." Paragraph 4 includes the term "beneficial uses." Are these terms interchangeable? I would recommend choosing themost appropriate term and stick with it through out the IR to avoid confusion.	To avoid confusion, NDEP has revised all to state as "beneficial uses."
ES-2	The category definitions includes the term "designated uses." Does this term have the same meaning as "designated beneficial uses" and "beneficial uses"? See above comment.	See previous.
ES-4	I recommend that the region names in the Integrated Report match the region names listed in NAC 445A.1242 (e.g. Black Rock Region not Black Rock Desert Region).	The document has been revised accordingly.
ES-4	What does "Data N/A" mean in Figure E3-2? Data Not Available? Data Not Applicable? Waterbodies in the West Central, Western, Escalante Desert, and Death Valley regions do not have designated beneficial uses or designated standards.	"N/A" has been changed to "none" to indicate there are no data for these regions.
ES-6	Table ES-2 lists that 1 waterbody was impaired for Human Health - Organism Only. However, the impaired beneficial use discussion following Table ES-2 does not discuss the Human Health - Organism Only beneficial use.	Text on OO has been added.
ES-8	"Mercury in fish tissue accounts for nearly all of the impairments to fish consumption as a use." What other than mercury in fish tissue caused an impairment of the fish consumption beneficial use? This contradicts the information in Table ES-1 states that 40 waterbodies are impaired by "Hg in fish".	Impairments due to fish consumption (FC) are based on analysis of mercury in fish tissue. Impairments due to organism only (OO) use are based on water chemistry and how it can affect aquatic organisms that might be consumed by humans.
ES-8	"Forty waterbodies (i.e., 5.7% of the 699 waterbodies assessed) have been identified as impaired for consumption of fish tissue due to mercury." How many waterbodies actually had mercury in fish tissue samples collected from them?	Forty.

ES-10	"In Nevada, there are a number of EPA-approved TMDLs with unique identification numbers (TMDL_ID), although each TMDL may apply to multiple waterbodies or waterbody segments, and some waterbodies have multiple TMDLs." I recommend stating the actual number of EPA-approved TMDLs instead of saying "there are a number of EPA-approved TMDLs".	The number of TMDLs (by TMDL ID number) is different than the number of waterbodies with TMDLs because some TMDL ID numbers were applied to multiple waterbodies. The number of TMDLs depends on how these are counted. If counted by assessment unit/parameter, there are 140 EPA-approved TMDLs.
ES-11	"EF Owyhee River – Wildhorse Wild Horse Reservoir to Mill Creek". According to the GNIS it is spelled Wild Horse Reservoir.	Spelling has been corrected.
ES-11	"Carson Water Subconservancy District (CWSD) for implementation of the Carson River Adaptive Stewardship Plan Douglas County, Washoe County and Nevada Department of Transportation for implementation of the Lake Tahoe TMDL" This seems like it should be 2 separate bullet points.	The typographic error has been corrected.
ES-11	There are also efforts with Walker Lake (the Walker Basin Restoration Program was established by Congress in October 2009. The Program's primary purpose is to restore and maintain Walker Lake, and to protect agricultural, environmental and habitat interests in the Walker River Basin.) Does the Muddy River have a watershed management plan?	The Walker Basin Conservancy (WBC) has been called out specifically. NDEP is aware of the restoration plans for Walker Lake and is working with WBC, State Parks, and others on restoring water quality in Walker River.
ES-12	"Nevada NDEP is currently developing a UAA to revise the subcategory of designated aquatic life use, from cold-water to warm-water fish, for segments of the Carson River in the Carson Valley."	Text has been corrected.
ES-12	"Warm water temperatures, and temperature impairments resulting from low flows in a stream system that has no upstream storage to moderate flow, are only anticipated to increase as the region enters into extreme drought conditions exacerbated by climate change and a warming planet." Stating that the Carson River system has no upstream storage to moderate flow is untrue. The Carson River Subconservancy District has storage water rights in Lost Lakes and has used this water to enhance flows in the Carson River, West Fork. There are other reservoirs in the upper watershed but I don't know if they are used to moderate flow in the Carson River. The Carson River Watershed Adaptive Stewardship Plan contains a list of lakes and reservoirs in the upper watershed.	Text has been modified to indicate there is "limited upstream storage." Upstream storage accounts for 0.82% for the Carson River; Lahontan Reservoir constitutes >99% of storage for the entire Carson River.

3	I recommend that the region names in the Integrated Report match the region names listed in NAC 445A.1242 (e.g. Black Rock Region not Black Rock Desert Region).	The text has been changed to "Black Rock Region" throughout the document.
3	"Total precipitation averages approximately 9.5 inches per year for the state as a whole, making Nevada the most arid state in the Nation (Western Regional Climate Center, 2005)." According to the Nevada State Climate Office, average annual precipitation state-wide is 10.3 inches (https://extension.unr.edu/climate/?page_id=112). According to NOAA, Nevada is the driest state in the United States with a statewide average annual precipitation of only 10 inches (https://statesummaries.ncics.org/chapter/nv/).	Estimates of "total annual precipitation" depend on the averaging period. None of the estimates are "wrong;" they just reflect differences in averaging periods.
4	I recommend that the region names in the Integrated Report match the region names listed in NAC 445A.1242 (e.g. Black Rock Region not Black Rock Desert Region).	See above.
5	I recommend that you find a more up-to-date source of evaporation rates than NDWR 1973.	NDEP searched for a more recent reference, but did not find one.
7	"The remaining 90 percent is lost through evaporation and transpiration. Average rates of evaporation rates from lake surfaces vary widely across the state, from less than 36 inches per year in the west to more than 80 inches per year in the south; 14 regions/basins were described"	There are ranges of the estimates that are likely due to the averaging period used. The point, however, is clear, regardless. Nevada is a dry state.
7	"Surface water is a limited and precious resource in Nevada, providing about 60 percent of the total water supply used in the state." What is the source of this information? I have seen it stated that surface water sources provide nearly 70 percent of Nevada's total water supply (https://www.epa.gov/sites/default/files/2017-02/documents/ws-ourwater-nevada-state-fact-sheet.pdf). Of course this resource is from 2016 and states that the average annual precipitation rate is 9.5 inches which doesn't match other sources.	There are ranges of the estimates that are likely due to the averaging period used. The point, however, is clear regardless. Nevada is a dry state.
9	The tributary rule, NAC 445A.1239, provides protection for many surface waters that are not specifically defined in the water quality standards tables in the NAC.	Comment noted.
9	Numeric criteria for specific toxic materials are contained in NAC 445A.1236 and apply to all waters specified in NAC 445A.1233 – 445A.2234 and tributaries, unless otherwise specified."	Waterbodies are named in tables, which begin at NAC 445A.1252 and end at NAC 445A.2234.

10	Human Health Criteria is discussed but no constituents or values are given. This section warrants more discussion on how Human Health Criteria are assessed or compare with other beneficial use criteria. Page A-9 sheds some additional light on the Human Health beneficial use and should be included with the discussion on page 10: "In addition to the criteria to protect beneficial uses found within the NAC, the CFR contains additional water quality criteria specific to the State of Nevada for the protection of human health. Specific water quality criteria for the State of Nevada can be found in 40 CFR 131.36(11). These criteria are assessed in WART."	The reader has been referred to Appendix A, Assessment Methodology, which provides more information on the human health criteria promulgated onto Nevada by EPA.
11	"Nonpoint-Source Pollution" I don't think that there should be a hyphen between nonpoint and source.	Hyphens are used when unit modifiers might be misread. EPA does not use hyphenation properly, and does not hyphenate "nonpoint source pollution." To be consistent with EPA, the hyphens have been removed.
12	"urban-runoff management" I don't think that there should be a hyphen between urban and runoff.	Again, hyphens are used to prevent misreading of unit modifiers. Such instances can be avoided by rewriting as "management of urban runoff" or use of a hyphen to alert the reader that "runoff" is being used as a modifier, not a noun.
12	"nonpoint-Source Pollution" I don't think that there should be a hyphen between nonpoint and source.	See above.
12	"storm-water control projects" I don't think that there should be a hyphen between storm and water. It should be one word - stormwater.	Stormwater has been revised as one word.
14	"In December 2013, EPA announced a new framework –. A Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program (EPA 2013b)."	Noted.
15	See ES-12 comments.	Changed to "limited upstream storage"
15	Since the text is discussing the Carson River in the Carson Valley, I would recommend using a photo of the Carson River in the Carson Valley instead of a photo of Catnip Reservoir on this page.	Done.

17	"State waters that are not “Waters of the U.S.” may be assessed; however, are not included in the Nevada 2020-2022 Water Quality Integrated Report." This sentence states that all waters included in the Integrated Report are Waters of the U.S. Perhaps a brief desciption of the current definition of Waters of the U.S. is warranted.	The "current definition" of WOTUS is a moveable target. NDEP assumes all waters are WOTUS unless there is a jurisdictional determination indicating otherwise.
17	"State waters that are not “Waters of the U.S.” may be assessed; however, are not included in the Nevada 2020-2022 Water Quality Integrated Report." How does NDEP determine whether or not a waterbody is a Waters of the United States? Where can the public obtain the assessments or state waters that are not Waters of the U.S.?	See above.
19	I recommend that the region names in the Integrated Report match the region names listed in NAC 445A.1242 (e.g. Black Rock Region not Black Rock Desert Region).	Done.
22	"Insufficient information – Data exist but were insufficient in extent to assess the beneficial use."	Insufficient data are available to assess any beneficial uses.
22	The category definitions on page 22 differ from the category defintions on ES-2. The meanings are the same, but the language is different. There are some typos in the definitions on page 22. The category definitions on Page A-13 are more thorough and don't include typos. The category definitions from the previous IR were simple and easy to understand: 1 – Meeting criteria; all beneficial uses supported. 2 – Some beneficial uses supported; insufficient data to assess others. 3 – Insufficient data to assess any beneficial uses. 4a – EPA-approved TMDL exists. 5 – Not meeting criteria for at least one beneficial use.	Comment noted. Editorial errors have been corrected.
23	"There are 40 such waterbodies or waterbody segments in the Nevada 2020-2022 Water Quality Integrated Report (Table 4)." Table 4 includes both Carson River, Lower and Lower Carson River which seem like they are the same waterbody. Therefore, I think that there are 39 such waterbodies or waterbody segments.	Those are differentand there are 40 waterbodies or waterbody segments.
23	Consider using a semicolon to separate waterbodies in Table 4 to avoid confusion with waterbodies such as Owyhee River, above Mill Creek.	Done.
25	"One stream segment was designated as Category 4a." I think that it is worth stating that Hanks Creek is the only stream segment designated as Category 4a.	Done.

26	Section 5.3 discusses wetlands that are assessed. Please show these in Figure 5 and include in the legend. Wetlands should also be included in the IR Web Map.	Comment noted. The scale of Figure 5 does not easily allow wetlands to be distinguished. The IR Web Map will be updated.
30	On Page 25 it states that 6,767.6 miles of perennial streams were evaluated in the IR. In Table 9, it lists 6,535 total miles with the Aquatic Life beneficial use. This would seem to indicate that there are 232.6 stream miles without the aquatic life beneficial use. If so, what are the 232.6 stream miles that don't have the aquatic life beneficial use? Are these nontributary waters?	There are 233 miles of streams that have no beneficial uses assigned.
31	Section 5.2 page 27 states, "More than half (N=35) of the total number of lakes (N=67) were placed into Category 5" yet page 31 states "The majority (>70%) of assessed lakes and reservoirs were fully supporting for all the beneficial uses that applied." I believe that the statement on page 31 is incorrect.	Text has been edited to avoid confusion over the "number of lakes" versus "amount of acreage" in the different assessment categories. It was a majority of acreage (71.7%) that was found to be fully supporting.
36	"To address an impaired water and plan for restoration is needed." This seems likes an incomplete sentence.	Edited to say "To address an impaired water, a plan for restoration is needed."
36	"Since 1989, a number of TMDLs have been developed by Nevada and approved by EPA;" NDEP instead of Nevada?	Done.
50	I recommend finding a more up-to-date source for average statewide precipitation since the WRCC report only includes data through 2000. See Page 3 comment.	Comment noted. See response to earlier comment.
A-11	"Broadly applicable standards, such as those for ammonia (NAC 445A.118) or toxic materials (NAC 445A.1236), are mainly organized by beneficial use (Table A-1.).	Noted.
A-13	"There were a handful of waterbodies categorized as 4Aa, and no waterbodies categorized as 4b or 4c in the Nevada 2016-2018 2020-2022 Water Quality Integrated Report."	Thank you, the text has been updated to the current cycle.
A-17	Wild horse Horse Reservoir. According to the GNIS it is spelled Wild Horse Reservoir. Attachments 1, 3, and 5 spell it Wildhorse Reservoir which should also be corrected. Wild Horse Reservoir is spelled correctly in Attachment 4.	Noted, and corrected where found.
Attach 1	"Delisted in 2020-2022 cycle". Recommended to maintain consistency with "Newly Listed in 2020-2022". If it doesn't throw off your formatting too much consider stating "Newly Listed in 2020-2022 cycle".	Done.

Attach 1	Owyhee River, above Mill Creek — From Wildhorse Wild Horse Reservoir to its confluence with Mill Creek	Done.
Attach 2	It would be nice to use the same color coding from Attachment 1 in Attachment 2 (Red font = new listing, Green font = continued listing, Blue font = delisting, Black font =meeting standards or insufficient data). Is it possible to color code Attachment 2?	Comment noted.
Attach 2	Why isn't Human Health - Consumption of Organism Only (OO) included in Attachment 2? The OO beneficial use is Not Supporting (N) for NV06-SC-42-D_00.	OO and W&O have been added as columns to Attachment 2.
Attach 3	The waterbodies in Attachment 3 are arranged by Assessment Unit within each Region. In the 2016-2018 IR, the waterbodies in the 303(d) List were arranged in alphabetical order. I believe that arranging the waterbodies in alphabetical order within each Region is easier for users to navigate.	NDEP has created Attachment 3A and Attachment 3B, with different sorting. 3A is sorted by waterbody code and 3B is sorted alphabetically within each region.
Attach 3	Owyhee River, above Mill Creek — From Wildhorse Wild Horse Reservoir to its confluence with Mill Creek	Done.
Attach 3	Why is the impaired use for NV06-SC-42-D_00 OO instead of FC? What is the difference between an OO impairment versus a FC impairment? What is the difference between the Mercury SV FC and Mercury in Fish Tissue standard?	FC impairment is based on analysis of fish tissue. OO impairment is based on water quality data.
Attach 3	In the 2016-2018 IR, Las Vegas Wash above Treatment Plants was on the 303(d) List for Boron IRR, Selenium 1-hour AQL, Selenium 96-hour AQL, and TDS SV WLS. The 2020-2022 IR appears to include new listings (Iron 96-hour AQL, TSS SV AQL, and E. coli AGM RNC). However, the Attachment 3 table indicates that these are not new listings.	Thank you; the error has been corrected and NDEP has gone through Attachment 3 and corrected the column indicating "new listing?" for all waters.
Attach 3	In the 2016-2018 IR, Sloan Channel was on the 303(d) List for Boron IRR, Fluoride IRR, pH SV AQL, Selenium 1-hour AQL, Selenium 96-hour AQL, and Selenium IRR. The 2020-2022 IR 303(d) List for Sloan Channel does not include pH. Attachment 4 does not include a delisting for Sloan Channel and pH.	Thank you; the error has been corrected.
Attach 3	The Organism Only (OO) beneficial use is impaired for NV06-SC-42-D_00. However, the OO beneficial use is not included in the Beneficial Use Codes list at the end of Attachment 3.	OO and W&O have been added as columns to Attachment 2.
Attach 5	Owyhee River, above Mill Creek — From Wildhorse Wild Horse Reservoir to its confluence with Mill Creek	Done.

Attach 3	In Attachment 3, the Waterbody Description for Assessment Unit NV04-RR-39-C_00 appears to be truncated: Reese River below State Route 722 — North of State Route 722 (old U.S. Highway 50)	Done.
Webmap	in the Nevada 2016-2018 Water Quality Integrated Report webmap, the linework for this segment abruptly stops after the Reese River crosses under I 80. I believe that the Reese River below State Route 722 linework should be continued to its confluence with the Humboldt River.	Comment noted.
Assess Units	In the attached spreadsheet I made a Page 23 comment that the Carson River, Lower and the Lower Carson River might be the same waterbody. While looking through Attachment 3, I noticed that Lower Carson River (NV08-CR-13-C_01) and Carson River, Lower (NV08-CR-13-C_02) are in fact two different Assessment Units. It is very confusing to have 2 Assessment Units with more or less identical names. USGS topo maps indicate that the dam separating these Assessment Units is the Carson Diversion Dam. This matches how the dam is referred to in NAC 445A.1846 (Carson diversion dam). I recommend differentiating by changing the Waterbody Names and the Waterbody Descriptions, for example: (1) Lower Carson River at the Carson diversion dam – From Lahontan Reservoir to the Carson diversion dam and (2) Lower Carson River below the Carson diversion dam – From the Carson diversion dam to the Carson Sink (the natural channel).	Comment noted.

In a January 2022 email, Mr. Blumberg provided one additional comment:
In the 2016-2018 IR, Carson River near New Empire was on the 303(d) List for Beryllium MDS, E. coli AGM RWC, and Mercury in Fish Tissue. Iron 96-hour, Mercury in Fish Tissue, and Mercury in sediment. The 2020-2022 IR appears to include new listings: Iron 96-hour and Mercury in sediment. However, the Attachment 3 table indicates that these are not new listings.

NDEP Response
Thank you, the listing for iron 96-hr has been marked as a new listing in Attachment 3. More importantly, the listing for "mercury in sediment" was in error. Only the reaches of the Carson River below New Empire (i.e., within the Carson Mercury Superfund Site) are listed for "mercury in sediment." Although segment NV08-CR-09_00 is listed for "mercury in fish tissue," it should **not** have been listed for "mercury in sediment." The latter listing has been removed.