SECOND REVISED PROPOSED REGULATION OF THE

STATE ENVIRONMENTAL COMMISSION

LCB File No. R109-16

July 27, 2017

EXPLANATION – Matter in ***italics*** is new; matter in brackets **[**~~omitted material~~**]** is material to be omitted.

AUTHORITY: §§1-303, NRS 445A.425 and 445A.520.

A REGULATION relating to water quality; making various changes in the water quality standards for certain bodies of water in this State; and providing other matters properly relating thereto.

Legislative Counsel's Digest:

Existing law requires the State Environmental Commission to adopt regulations establishing the standards of water quality and amounts of waste which may be discharged into the waters of this State. (NRS 445A.425) Each standard adopted by the Commission must ensure a continuation of the designated beneficial use or uses applicable to the body of water to which the standard applies. (NRS 445A.520)

Existing regulations establish the water quality standards for certain bodies of water in this State. (NAC 445A.11704-445A.2234) **Sections 2-10** of this regulation define certain terms used within these standards.

Existing regulations set forth the salinity standards for certain portions of the Colorado River in this State as set forth in the "2011 Review - Water Quality Standards for Salinity, Colorado River System," adopted by the Colorado River Basin Salinity Control Forum. (NAC 445A.1233) **Section 12** of this regulation updates these standards to apply the "2014 Review - Water Quality Standards for Salinity, Colorado River System," adopted by the Forum.

Sections 13-303 of this regulation amend various water quality standards for bodies of water in this State.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto the provisions set forth as sections 2 to 10, inclusive, of this regulation.

Sec. 2. ***"BOD" or "biochemical oxygen demand" means a measure of the amount of oxygen that bacteria will consume while decomposing organic matter under aerobic conditions.***

Sec. 3. ***"Logarithmic mean" or "log mean" means a value calculated by:***

1. Converting each data point into its log;

2. Calculating the mean of the values determined pursuant to subsection 1; and

3. Using the antilog of the log-transformed mean calculated pursuant to subsection 2.

Sec. 4. ***"Mean" means the average of a group of numbers or data points.***

Sec. 5. ***"Median" means the 50th percentile of a set of numbers.***

Sec. 6. ***"MF" means the membrane filter used to measure bacteria.***

Sec. 7. ***"MPN" means the most probable number determined using a statistical testing method to estimate the number of bacteria colony forming units in a sample of water.***

Sec. 8. ***"µg/L" means a unit of concentration describing the mass of a substance, in micrograms, present in one liter of water.***

Sec. 9. ***">" means greater than.***

Sec. 10. ***"<" means less than.***

Sec. 11. NAC 445A.11704 is hereby amended to read as follows:

445A.11704 As used in NAC 445A.11704 to 445A.2234, inclusive, ***and sections 2 to 10, inclusive, of this regulation,*** unless the context otherwise requires, the terms and symbols defined in NAC 445A.11708 to 445A.1178, inclusive, ***and sections 2 to 10, inclusive, of this regulation*** have the meanings ascribed to them in those sections.

Sec. 12. NAC 445A.1233 is hereby amended to read as follows:

445A.1233 1. The State of Nevada will cooperate with the other Colorado River Basin states and the Federal Government to support and carry out the conclusions and recommendations adopted April 27, 1972, by the Reconvened 7th Session of the Conference in the Matter of Pollution of the Interstate Waters of the Colorado River and its Tributaries.

2. Pursuant to the ~~[~~"2011~~]~~ ***"2014*** Review - Water Quality Standards for Salinity, Colorado River System," ~~[~~as~~]~~ ***and any subsequent version*** adopted by the Colorado River Basin Salinity Control Forum, the flow weighted annual average concentrations for the calendar year for total dissolved solids in mg/l at the three lower main stem stations of the Colorado River are as follows:

Station	Salinity in mg/l
Below Hoover Dam	723
Below Parker Dam	747
At Imperial Dam	879

3. Each new version of the water quality standards for salinity adopted by the Colorado River Basin Salinity Control Forum shall be deemed approved by the Commission for the purposes of this section unless the Commission disapproves the revision within 60 days after the date of publication.

Sec. 13. NAC 445A.1236 is hereby amended to read as follows:

445A.1236 1. Except for waters which have site-specific standards for toxic materials or as otherwise provided in this section, the standards for toxic materials prescribed in subsection 2 are

applicable to the waters specified in NAC 445A.123 to 445A.2234, inclusive. The following criteria apply to this section:

(a) If the standards are exceeded at a site and are not economically controllable, the Commission will review and may adjust the standards for the site.

(b) If a standard does not exist for each designated beneficial use, a person who plans to discharge waste must demonstrate that no adverse effect will occur to a designated beneficial use. If the discharge of a substance will lower the quality of the water, a person who plans to discharge waste must meet the requirements of NRS 445A.565.

(c) If a criterion 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 shall be deemed to show compliance with the standard unless other information indicates that the substance may be present.

2. The standards for toxic materials are:

Chemical	Municipal or Domestic Supply (µg/L)	Aquatic Life[1,2] (µg/L)	Irrigation (µg/L)	Watering of Livestock (µg/L)
INORGANIC CHEMICALS[3]				
Antimony	146[a]	-	-	-
Arsenic	50[b]	-	100[c]	200[d]
1-hour average	-	340[f,(4)]	-	-
96-hour average	-	150[f,(4)]	-	-
Barium	2,000[b]	-	-	-
Beryllium	0[a]	-	100[c]	-
Boron	-	-	750[a]	5,000[d]
Cadmium	5[b]	-	10[d]	50[d]
1-hour average	-	$(1.136672-\{\ln(\text{hardness})(0.041838)\})^* e^{(1.0166\{\ln(\text{hardness})\} - 3.924) f,(4)}$	-	-
96-hour average	-	$(1.101672-\{\ln(\text{hardness})(0.041838)\})^* e^{(0.7409\{\ln(\text{hardness})\} - 4.719) f,(4)}$	-	-
Chromium (total)	100[b]	-	100[d]	1,000[d]
Chromium (VI)	-	-	-	-
1-hour average	-	16[f,(4)]	-	-
96-hour average	-	11[f,(4)]	-	-
Chromium (III)	-	-	-	-
1-hour average	-	$(0.316) * e^{(0.8190\{\ln(\text{hardness})\} + 3.7256) f,(4)}$	-	-
96-hour average	-	$(0.860) * e^{(0.8190\{\ln(\text{hardness})\} + 0.6848) f,(4)}$	-	-
Copper	-	-	200[d]	500[d]
1-hour average	-	$(0.960) * e^{(0.9422\{\ln(\text{hardness})\} - 1.700) f,(4)}$	-	-

Chemical	Municipal or Domestic Supply (µg/L)	Aquatic Life[1,2] (µg/L)	Irrigation (µg/L)	Watering of Livestock (µg/L)
96-hour average	-	$(0.960) * e^{(0.8545\{\ln(\text{hardness})\} - 1.702)}$ f,(4)	-	-
Cyanide	200[a]	-	-	-
1-hour average	-	22[f,(5)]	-	-
96-hour average	-	5.2[f,(5)]	-	-
Fluoride	-	-	1,000[d]	2,000[d]
Iron	-	-	5,000[d]	-
96-hour average	-	1,000[f]	-	-
Lead	50[a,b]	-	5,000[d]	100[d]
1-hour average	-	$(1.46203-\{\ln(\text{hardness})(0.145712)\})* e^{(1.273\{\ln(\text{hardness})\} - 1.460)}$ f,(4)	-	-
96-hour average	-	$(1.46203-\{\ln(\text{hardness})(0.145712)\})* e^{(1.273\{\ln(\text{hardness})\} - 4.705)}$ f,(4)	-	-
Manganese	-	-	200[d]	-
Mercury	2[b]	-	-	10[d]
1-hour average	-	1.4[f,(4)]	-	-
96-hour average	-	0.77[f,(4)]	-	-
Molybdenum	-	-	-	-
1-hour average	-	6,160[g]	-	-
96-hour average	-	1,650[g]	-	-
Nickel	13.4[a]	-	200[d]	-
1-hour average	-	$(0.998) * e^{(0.8460\{\ln(\text{hardness})\} + 2.255)}$ f,(4)	-	-
96-hour average	-	$(0.997) * e^{(0.8460\{\ln(\text{hardness})\} + 0.0584)}$ f,(4)	-	-
Selenium	50[b]	-	20[d]	50[d]
1-hour average	-	20[a]	-	-
96-hour average	-	5.0[f]	-	-
Silver	-	-	-	-
1-hour average	-	$(0.85) * e^{(1.72\{\ln(\text{hardness})\} - 6.59)}$ f,(4)	-	-
Sulfide (undissociated hydrogen sulfide)	-	-	-	-
96-hour average	-	2.0[f]	-	-
Thallium	13[a]	-	-	-
Zinc	-	-	2,000[d]	25,000[d]
1-hour average	-	$(0.978) * e^{(0.8473\{\ln(\text{hardness})\} + 0.884)}$ f,(4)	-	-
96-hour average	-	$(0.986) * e^{(0.8473\{\ln(\text{hardness})\} + 0.884)}$ f,(4)	-	-
ORGANIC CHEMICALS				
Acrolein	320[a]	-	-	-
1-hour average	-	3[f]	-	-
96-hour average	-	3[f]	-	-
Aldrin	0[a]	-	-	-
1-hour average	-	3.0[f]	-	-
alpha-Endosulfan	-	-	-	-
1-hour average	-	0.22[f]	-	-
96-hour average	-	0.056[f]	-	-
beta-Endosulfan	-	-	-	-
1-hour average	-	0.22[f]	-	-
96-hour average	-	0.056[f]	-	-
Benzene	5[b]	-	-	-
Bis (2-chloroisopropyl) ether	34.7[a]	-	-	-
Chlordane	0[a]	-	-	-
1-hour average	-	2.4[f]	-	-
96-hour average	-	0.0043[f]	-	-
Chloroethylene (vinyl chloride)	2[b]	-	-	-
Chlorpyrifos	-	-	-	-
1-hour average	-	0.083[f]	-	-
96-hour average	-	0.041[f]	-	-
2,4-D	100[a,b]	-	-	-
DDT & metabolites	0[a]	-	-	-

Chemical	Municipal or Domestic Supply (µg/L)	Aquatic Life[1,2] (µg/L)	Irrigation (µg/L)	Watering of Livestock (µg/L)
4,4'-DDT	-	-	-	-
1-hour average	-	1.1[f,(6)]	-	-
96-hour average	-	0.001[f,(6)]	-	-
Demeton	-	-	-	-
96-hour average	-	0.1[f]	-	-
Diazinon	-	-	-	-
1-hour average	-	0.17[f]	-	-
96-hour average	-	0.17[f]	-	-
Dibutyl phthalate	34,000[a]	-	-	-
m-dichlorobenzene	400[a]	-	-	-
o-dichlorobenzene	400[a]	-	-	-
p-dichlorobenzene	75[b]	-	-	-
1,2-dichloroethane	5[b]	-	-	-
1,1-dichloroethylene	7[b]	-	-	-
2,4-dichlorophenol	3,090[a]	-	-	-
Dichloropropenes	87[a]	-	-	-
Dieldrin	0[a]	-	-	-
1-hour average	-	0.24[f]	-	-
96-hour average	-	0.056[f]	-	-
Di-2-ethylhexyl phthalate	15,000[a]	-	-	-
Diethyl phthalate	350,000[a]	-	-	-
Dimethyl phthalate	313,000[a]	-	-	-
4,6-dinitro-2-methylphenol	13.4[a]	-	-	-
Dinitrophenols	70[a]	-	-	-
Endosulfan	75[a]	-	-	-
Endrin	0.2[b]	-	-	-
1-hour average	-	0.086[f]	-	-
96-hour average	-	0.036[f]	-	-
Ethylbenzene	1,400[a]	-	-	-
Fluoranthene (polynuclear aromatic hydrocarbon)	42[a]	-	-	-
Guthion	-	-	-	-
96-hour average	-	0.01[f]	-	-
Heptachlor	-	-	-	-
1-hour average	-	0.52[f]	-	-
96-hour average	-	0.0038[f]	-	-
Heptacholor Epoxide	-	-	-	-
1-hour average	-	0.52[f]	-	-
96-hour average	-	0.0038[f]	-	-
Hexachlorocyclopentadiene	206[a]	-	-	-
Isophorone	5,200[a]	-	-	-
Lindane	4[b]	-	-	-
1-hour average	-	0.95[f]	-	-
Malathion	-	-	-	-
96-hour average	-	0.1[f]	-	-
Methoxychlor	100[a,b]	-	-	-
96-hour average	-	0.03[f]	-	-
Mirex	0[a]	-	-	-
96-hour average	-	0.001[f]	-	-
Monochlorobenzene	488[a]	-	-	-
Nitrobenzene	19,800[a]	-	-	-
Nonylphenol	-	-	-	-
1-hour average	-	28[f]	-	-
96-hour average	-	6.6[f]	-	-
Parathion	-	-	-	-
1-hour average	-	0.065[a]	-	-
96-hour average	-	0.013[a]	-	-
Pentachlorophenol	1,010[a]	-	-	-
1-hour average	-	$e^{1.005(pH) - 4.869f}$	-	-
96-hour average	-	$e^{1.005(pH) - 5.134f}$	-	-

Chemical	Municipal or Domestic Supply (µg/L)	Aquatic Life[1,2] (µg/L)	Irrigation (µg/L)	Watering of Livestock (µg/L)
Phenol	3,500[a]	-	-	-
Polychlorinated biphenyls (PCBs)	0[a]	-	-	-
96-hour average	-	0.014[f]	-	-
Silvex (2,4,5-TP)	10[a,b]	-	-	-
Tetrachloromethane (carbon tetrachloride)	5[b]	-	-	-
Toluene	14,300[a]	-	-	-
Toxaphene	5[b]	-	-	-
1-hour average	-	0.73[a]	-	-
96-hour average	-	0.0002[a]	-	-
Tributyltin (TBT)	-	-	-	-
1-hour average	-	0.46[f]	-	-
96-hour average	-	0.072[f]	-	-
1,1,1-trichlorofthane (TCA)	200[b]	-	-	-
Trichloroethylene (TCE)	5[b]	-	-	-
Trihalomethanes (total)[7]	100[b]	-	-	-

Footnotes:

(1) One-hour average and 96-hour average concentration limits may be exceeded only once every 3 years. See reference a.

(2) ~~[Aquatic life standards apply to surface waters only; "hardness"]~~ ***"Hardness"*** is expressed as mg/L $CaCO_3$; and "e" refers to the base of the natural logarithm whose value is 2.718.

(3) The standards for metals are expressed as total recoverable, unless otherwise noted.

(4) This standard applies to the dissolved fraction.

(5) This standard is expressed as free cyanide.

(6) This standard applies to DDT and its metabolites (i.e., the total concentration of DDT and its metabolites should not exceed this value).

(7) The standard for trihalomethanes (TTHMs) is the sum of the concentration of bromodicholoromethane, dibromocholoromethane, tribromomethane (bromoform) and trichloromethane (chloroform). See reference b.

References:

a. U.S. Environmental Protection Agency, Pub. No. EPA 440/5-86-001, *Quality Criteria for Water* (Gold Book) (1986).

b. Federal Maximum Contaminant Level (MCL), 40 C.F.R. §§ 141.11, 141.61 and 141.62 (1992).

c. U.S. Environmental Protection Agency, Pub. No. EPA 440/9-76-023, *Quality Criteria for Water* (Red Book) (1976).

d. National Academy of Sciences, *Water Quality Criteria* (Blue Book) (1972).

e. Not used to avoid confusion with "e" as a natural logarithm.

f. U.S. Environmental Protection Agency, *National Recommended Water Quality Criteria*, May 2009.

g. Nevada Division of Environmental Protection, *Aquatic Life Water Quality Criteria for Molybdenum*, Tetra Tech, Inc., (June 2008).

Sec. 14. NAC 445A.1256 is hereby amended to read as follows:

445A.1256 The limits of this table apply to the entire body of water known as Boulder Reservoir. Boulder Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY

Boulder Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[~~X~~]~~							
pH - SU		S.V. 6.5 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*	~~[~~*~~]~~		~~[~~X~~]~~		~~[~~*~~]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[~~X~~]~~		*	~~[~~X~~]~~	~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[~~X~~]~~	~~[~~X~~]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[~~X~~]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[~~X~~]~~	~~[~~X~~]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[~~X~~]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[~~X~~]~~	*			~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 15. NAC 445A.1258 is hereby amended to read as follows:

445A.1258 The limits of this table apply to the entire body of water known as Blue Lakes. Blue Lakes is located in Humboldt County.

STANDARDS OF WATER QUALITY

Blue Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[~~X~~]~~							
pH - SU		S.V. 6.5 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*	~~[~~*~~]~~		~~[~~X~~]~~		~~[~~*~~]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 16. NAC 445A.1262 is hereby amended to read as follows:

445A.1262 The limits of this table apply to the entire body of water known as Catnip Reservoir. Catnip Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY

Catnip Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 17. NAC 445A.1264 is hereby amended to read as follows:

445A.1264 The limits of this table apply to the entire body of water known as Wall Canyon Reservoir. Wall Canyon Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY

Wall Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 18. NAC 445A.1266 is hereby amended to read as follows:

445A.1266 The limits of this table apply to the entire body of water known as Knott Creek Reservoir. Knott Creek Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY

Knott Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 19. NAC 445A.1268 is hereby amended to read as follows:

445A.1268 The limits of this table apply to the entire body of water known as Onion Valley Reservoir. Onion Valley Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY

Onion Valley Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1252 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 20. NAC 445A.1286 is hereby amended to read as follows:

445A.1286 The limits of this table apply to the body of water known as Smoke Creek from the California-Nevada state line to the Smoke Creek Desert. Smoke Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Smoke Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X			X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Summer ≤ 25.0 S.V. Winter ≤ 14.0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~				~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 90~~ ~~Nitrite S.V. ≤ 5.0~~ ~~Total Nitrogen[b]~~	~~X~~ ~~X~~		~~*~~ ~~*~~ ~~*~~	 ~~*]~~				~~X~~ ~~X~~			
Total Nitrogen (as N) - mg/L		***[b]***			*******	*******							
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*******								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*******								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		S.V. ≤ 50			*								
Total Dissolved Solids - mg/L		S.V. ≤ 1,000	~~[X]~~	*									
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~			~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 21. NAC 445A.1288 is hereby amended to read as follows:

445A.1288 The limits of this table apply to the entire body of water known as Squaw Creek Reservoir. Squaw Creek Reservoir is located in Washoe County.

STANDARDS OF WATER QUALITY

Squaw Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 22. NAC 445A.1292 is hereby amended to read as follows:

445A.1292 The limits of this table apply to the body of water known as Negro Creek from its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M. Negro Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Negro Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 23. NAC 445A.1296 is hereby amended to read as follows:

445A.1296 The limits of this table apply to the body of water known as Mahogany Creek from its origin to the exterior border of the Summit Lake Indian Reservation. Mahogany Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Mahogany Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY [STANDARDS FOR] ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	[X]	[X]	*	[*]		[X]		[*]			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	[X]		*	[X]	[X]	[X]		[X]			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	[X]	[X]					
Total Ammonia (as N) - mg/L		[c]			*			[X]					
Total Dissolved Solids - mg/L		S.V. ≤ 500 [or the 95th percentile (whichever is less).]	[X]	[X]				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	[X]						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	[X]	*			[X]	[X]		[X]			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The [ambient] water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 24. NAC 445A.1298 is hereby amended to read as follows:

445A.1298 The limits of this table apply to the body of water known as 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. Leonard Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Leonard Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY [STANDARDS FOR] ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 25. NAC 445A.1302 is hereby amended to read as follows:

445A.1302 The limits of this table apply to the body of water known as Bilk Creek from its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. This segment of Bilk Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Bilk Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 26. NAC 445A.1304 is hereby amended to read as follows:

445A.1304 The limits of this table apply to the body of water known as Bilk Creek from its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M, to Bilk Creek Reservoir. This segment of Bilk Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Bilk Creek at Bilk Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 27. NAC 445A.1306 is hereby amended to read as follows:

445A.1306 The limits of this table apply to the entire body of water known as Bilk Creek Reservoir. Bilk Creek Reservoir is located in Humboldt County.

STANDARDS OF WATER QUALITY

Bilk Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 28. NAC 445A.1308 is hereby amended to read as follows:

445A.1308 The limits of this table apply to the body of water known as 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. Bottle Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Bottle Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 29. NAC 445A.1312 is hereby amended to read as follows:

445A.1312 The limits of this table apply to the body of water known as the East and South Forks of the Quinn River from their origin to the confluence of the East and South Forks, except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation. This segment of the East and South Forks of the Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Quinn River, East and South Forks

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 30. NAC 445A.1316 is hereby amended to read as follows:

445A.1316 The limits of this table apply to the body of water known as the Quinn River from the Oregon-Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M., except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation. This segment of the Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Quinn River (the slough)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*				~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*		~~[X]~~			~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1282 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 31. NAC 445A.1332 is hereby amended to read as follows:

445A.1332 The designated beneficial uses for select bodies of water within the Snake Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Goose Creek	Within the State of Nevada.	X	X	X	X	X	X	X	X				NAC 445A.1336
Salmon Falls Creek	From the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X				NAC 445A.1338
Shoshone Creek	From the Nevada-Idaho state line to its confluence with Salmon Falls Creek.	X	X	X	X	X	X	X	X				NAC 445A.1342
Jarbidge River, East Fork	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X				NAC 445A.1344
Jarbidge River, above Jarbidge	From its origin to the bridge above the town of Jarbidge.	X	X	X	X	X	X	X	X				NAC 445A.1346
Jarbidge River, below Jarbidge	From the bridge above the town of Jarbidge to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X				NAC 445A.1348
Bruneau River	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X				NAC 445A.1352
Owyhee River, above Mill Creek	From Wild Horse Reservoir to its confluence with Mill Creek.	X	X	X	X	X	X	X	X				NAC 445A.1354
Owyhee River, below Mill Creek	From its confluence with Mill Creek to the ***exterior*** border of the Duck Valley Indian Reservation.	X	X	X	X	X	X	X	X				NAC 445A.1356
Owyhee River, South Fork	From its origin to the Nevada-Idaho state line.	X	X	X	X	X	X	X	X				NAC 445A.1362
Salmon Falls Creek, North Fork	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1364
Salmon Falls Creek, South Fork	From the national forest boundary to its confluence with the North Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1366
Camp Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1368
Camp Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1372
Cottonwood Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1374

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Cottonwood Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1376
Canyon Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1378
Canyon Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1382
Bear Creek	From its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1384
76 Creek	The entire length.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1386
Owyhee River, East Fork above Wild Horse Reservoir	From its origin to Wild Horse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1388
Deep Creek	From its origin to Wild Horse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1392
Penrod Creek, including tributaries	From its origin, including its tributaries, to Wild Horse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1394
Hendricks Creek	From its origin to Wild Horse Reservoir.	X	X	X	X	X	X		X					NAC 445A.1396
Wild Horse Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1398
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.	X	X	X	X	X	X		X					NAC 445A.1402
Jack Creek	From its origin to its confluence with Harrington Creek.	X	X	X	X	X	X		X					NAC 445A.1404
Harrington Creek	From its confluence with Jack Creek to the South Fork of the Owyhee River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1406
Bull Run Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1408
Wilson Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1412
Taylor Canyon Creek	From its origin to its confluence with the South Fork of the Owyhee River.	X	X	X	X	X	X	X	X					NAC 445A.1414
Trout Creek at Goose Creek	From the Nevada-Idaho state line to its confluence with Goose Creek.	X	X	X	X	X	X	X	X					NAC 445A.1416
Trout Creek at Salmon Falls Creek	From its origin to its confluence with Salmon Falls Creek.	X	X	X	X	X	X	X	X					NAC 445A.1418
Jack Creek at Jarbidge River	From its origin to its confluence with the Jarbidge River.	X	X	X	X	X	X	X	X					NAC 445A.1422

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality

Sec. 32. NAC 445A.1336 is hereby amended to read as follows:

445A.1336 The limits of this table apply to the body of water known as Goose Creek within the State of Nevada. Goose Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Goose Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 185	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 9.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3]~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 33. NAC 445A.1338 is hereby amended to read as follows:

445A.1338 The limits of this table apply to the body of water known as Salmon Falls Creek from the confluence of the North and South Forks of Salmon Falls Creek to the Nevada-Idaho state line. Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 250	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 14.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3]~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 250 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	S.V. ≤ 90	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 34. NAC 445A.1342 is hereby amended to read as follows:

445A.1342 The limits of this table apply to the body of water known as Shoshone Creek from the Nevada-Idaho state line to its confluence with Salmon Falls Creek. Shoshone Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Shoshone Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 250	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 15.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~$[CO_3)]$~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[~~ambient~~]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 35. NAC 445A.1344 is hereby amended to read as follows:

445A.1344 The limits of this table apply to the body of water known as the East Fork of Jarbidge River from its origin to the Nevada-Idaho state line. The East Fork of Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY

Jarbidge River, East Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 200	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 6.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[~~CO_3~~]~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	S.V. ≤ 100	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 36. NAC 445A.1346 is hereby amended to read as follows:

445A.1346 The limits of this table apply to the body of water known as Jarbidge River from its origin to the bridge above the town of Jarbidge. This segment of the Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY

Jarbidge River, above Jarbidge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L	S.V. ≤ 0.05	S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 65	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 7.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3)]~~ ***$CaCO_3$)*** - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	S.V. ≤ 10	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 37. NAC 445A.1348 is hereby amended to read as follows:

445A.1348 The limits of this table apply to the body of water known as the Jarbidge River from the bridge above the town of Jarbidge to the Nevada-Idaho state line. This segment of the Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY

Jarbidge River, below Jarbidge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L	S.V. ≤ 0.05	S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 80	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 7.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3)]~~ ***$CaCO_3$)*** - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 38. NAC 445A.1352 is hereby amended to read as follows:

445A.1352 The limits of this table apply to the body of water known as the Bruneau River from its origin to the Nevada-Idaho state line. The Bruneau River is located in Elko County.

STANDARDS OF WATER QUALITY

Bruneau River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 180	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 7.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~$[CO_3)]$~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	S.V. ≤ 80	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 39. NAC 445A.1354 is hereby amended to read as follows:

445A.1354 The limits of this table apply to the body of water known as the Owyhee River from Wild Horse Reservoir to its confluence with Mill Creek. This segment of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River, above Mill Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 200	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 8.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3]~~ ***$CaCO_3$***) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 40. NAC 445A.1356 is hereby amended to read as follows:

445A.1356 The limits of this table apply to the body of water known as the Owyhee River from its confluence with Mill Creek to the ***exterior*** border of the Duck Valley Indian Reservation. This segment of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River, below Mill Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 250	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 8.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3)]~~ ***$CaCO_3$)*** - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	S.V. ≤ 125	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 41. NAC 445A.1362 is hereby amended to read as follows:

445A.1362 The limits of this table apply to the body of water known as the South Fork of the Owyhee River from its origin to the Nevada-Idaho state line. The South Fork of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 13 $\Delta T < 1$			*	~~[X]~~							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~			~~*~~	~~X~~	~~X~~	~~*]~~					
Nitrate (as N) - mg/L	***S.V. ≤ 1.0***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	S.V. ≤ 280	S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 15.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfates - mg/L		S.V. ≤ 250						*					
Alkalinity (as ~~[CO_3)]~~ ***$CaCO_3$)*** - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.

X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 42. NAC 445A.1364 is hereby amended to read as follows:

445A.1364 The limits of this table apply to the body of water known as the North Fork of Salmon Falls Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. The North Fork of Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Salmon Falls Creek, North Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 43. NAC 445A.1366 is hereby amended to read as follows:

445A.1366 The limits of this table apply to the body of water known as the South Fork of Salmon Falls Creek from the national forest boundary to its confluence with the North Fork of Salmon Falls Creek. The South Fork of Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Salmon Falls Creek, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 44. NAC 445A.1368 is hereby amended to read as follows:

445A.1368 The limits of this table apply to the body of water known as Camp Creek from its origin to the national forest boundary. This segment of Camp Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Camp Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 45. NAC 445A.1372 is hereby amended to read as follows:

445A.1372 The limits of this table apply to the body of water known as Camp Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Camp Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Camp Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 46. NAC 445A.1374 is hereby amended to read as follows:

445A.1374 The limits of this table apply to the body of water known as Cottonwood Creek from its origin to the national forest boundary. This segment of Cottonwood Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Cottonwood Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 47. NAC 445A.1376 is hereby amended to read as follows:

445A.1376 The limits of this table apply to the body of water known as Cottonwood Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Cottonwood Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Cottonwood Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 48. NAC 445A.1378 is hereby amended to read as follows:

445A.1378 The limits of this table apply to the body of water known as Canyon Creek from its origin to the national forest boundary. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Canyon Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		*[d]*											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 49. NAC 445A.1382 is hereby amended to read as follows:

445A.1382 The limits of this table apply to the body of water known as Canyon Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Canyon Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 50. NAC 445A.1384 is hereby amended to read as follows:

445A.1384 The limits of this table apply to the body of water known as Bear Creek from its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M. Bear Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Bear Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 51. NAC 445A.1386 is hereby amended to read as follows:

445A.1386 The limits of this table apply to the entire body of water known as 76 Creek. 76 Creek is located in Elko County.

STANDARDS OF WATER QUALITY

76 Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 52. NAC 445A.1388 is hereby amended to read as follows:

445A.1388 The limits of this table apply to the body of water known as the East Fork of the Owyhee River from its origin to Wild Horse Reservoir. The East Fork of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River, East Fork above Wild Horse Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 53. NAC 445A.1392 is hereby amended to read as follows:

445A.1392 The limits of this table apply to the body of water known as Deep Creek from its origin to Wild Horse Reservoir. Deep Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Deep Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 54. NAC 445A.1394 is hereby amended to read as follows:

445A.1394 The limits of this table apply to the body of water known as Penrod Creek from its origin, including its tributaries, to Wild Horse Reservoir. Penrod Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Penrod Creek, including tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 55. NAC 445A.1396 is hereby amended to read as follows:

445A.1396 The limits of this table apply to the body of water known as Hendricks Creek from its origin to Wild Horse Reservoir. Hendricks Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Hendricks Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 56. NAC 445A.1398 is hereby amended to read as follows:

445A.1398 The limits of this table apply to the entire body of water known as Wild Horse Reservoir. Wild Horse Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY

Wild Horse Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 57. NAC 445A.1402 is hereby amended to read as follows:

445A.1402 The limits of this table apply to the body of water known as 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. Browns Gulch is located in Elko County.

STANDARDS OF WATER QUALITY

Browns Gulch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 58. NAC 445A.1404 is hereby amended to read as follows:

445A.1404 The limits of this table apply to the body of water known as Jack Creek from its origin to its confluence with Harrington Creek. Jack Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Jack Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 59. NAC 445A.1406 is hereby amended to read as follows:

445A.1406 The limits of this table apply to the body of water known as Harrington Creek from its confluence with Jack Creek to the South Fork of the Owyhee River. Harrington Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Harrington Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 60. NAC 445A.1408 is hereby amended to read as follows:

445A.1408 The limits of this table apply to the entire body of water known as Bull Run Reservoir. Bull Run Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY

Bull Run Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 61. NAC 445A.1412 is hereby amended to read as follows:

445A.1412 The limits of this table apply to the entire body of water known as Wilson Reservoir. Wilson Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY

Wilson Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 62. NAC 445A.1414 is hereby amended to read as follows:

445A.1414 The limits of this table apply to the body of water known as Taylor Canyon Creek from its origin to its confluence with the South Fork of the Owyhee River. Taylor Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Taylor Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ~~[Maximum]~~		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06 Total Nitrogen[b]~~			~~X * *~~	~~*~~	~~X~~	~~* X]~~					
Total Nitrogen (as N) - mg/L		***b***			*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*****								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***d***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 63. NAC 445A.1416 is hereby amended to read as follows:

445A.1416 The limits of this table apply to the body of water known as Trout Creek from the Nevada-Idaho state line to its confluence with Goose Creek. This segment of Trout Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Trout Creek at Goose Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ~~[Maximum]~~		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen~~[b]			~~X~~ ~~*~~ ~~*~~	~~*~~	~~X~~	~~*~~ ~~X]~~					
Total Nitrogen (as N) - mg/L		***b***			*******	*******							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*******					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*******								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[*]~~			*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***d***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 64. NAC 445A.1418 is hereby amended to read as follows:

445A.1418 The limits of this table apply to the body of water known as Trout Creek from its origin to its confluence with Salmon Falls Creek. This segment of Trout Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Trout Creek at Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ~~[Maximum]~~		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen[b]~~			~~X~~ ~~*~~	~~*~~	~~*~~	~~*~~ ~~X~~ ~~X]~~					
Total Nitrogen (as N) - mg/L		***[b]***			*******	*******							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*******					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*******								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 65. NAC 445A.1422 is hereby amended to read as follows:

445A.1422 The limits of this table apply to the body of water known as Jack Creek from its origin to its confluence with the Jarbidge River. Jack Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Jack Creek at Jarbidge River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ~~[Maximum]~~		S.V. May-Oct < 21 S.V. Nov-Apr < 7			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0			*	~~[X]~~		~~[X]~~					
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen[b]~~			~~X~~ ~~*~~ ~~*~~	 ~~*~~	 ~~X~~	~~*~~ ~~X]~~					
Total Nitrogen (as N) - mg/L		[b]			*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*			~~[X]~~					
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1332 for beneficial use terminology.

[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 66. NAC 445A.1432 is hereby amended to read as follows:

445A.1432 The designated beneficial uses for select bodies of water within the Humboldt Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Humboldt River near Osino	From the upstream source of the main stem to Osino.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1436
Humboldt River at Palisade	From Osino to the Palisade Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1438
Humboldt River at Battle Mountain	From the Palisade Gage to the Battle Mountain Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1442
Humboldt River at State Highway 789	From the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1444
Humboldt River at Imlay	From ~~[the Comus Gage]~~ ***where State Highway 789 crosses the Humboldt River*** to Imlay.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1446
Humboldt River at Woolsey	From Imlay to Woolsey.	X	X	X	X	X	X	X	X				Warm-water fishery	NAC 445A.1448
Humboldt River at Rodgers Dam	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X					NAC 445A.1452
Humboldt River at the Humboldt Sink	From Rodgers Dam to the Humboldt Sink.	X	X	X	X	X		X	X					NAC 445A.1454
The Humboldt Sink	The entire sink.	X	X	X		X		X	X					NAC 445A.1455
Humboldt River, North Fork and tributaries at the national forest boundary	From their origin in the Independence Mountain Range to the national forest boundary.	X	X	X	X	X	X	X	X					NAC 445A.1456
Humboldt River, North Fork at Beaver Creek	From the national forest boundary to its confluence with Beaver Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1458
Humboldt River, North Fork at the Humboldt River	From its confluence with Beaver Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1462
Humboldt River, South Fork at South Fork Reservoir, including tributaries above Lee	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.	X	X	X	X	X	X	X	X					NAC 445A.1464
South Fork Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1465
Humboldt River, South Fork at the Humboldt River	From South Fork Reservoir to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1466
Little Humboldt River	The entire length.	X	X	X	X	X	X	X	X					NAC 445A.1468

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Little Humboldt River, North Fork at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1472
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.	X	X	X	X	X	X	X	X					NAC 445A.1474
Little Humboldt River, South Fork at the Elko-Humboldt county line	From its origin to the Elko-Humboldt county line.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1476
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	From the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1478
Marys River, upper	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X	X	X					NAC 445A.1482
Marys River at the Humboldt River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1484
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	X	X	X	X	X	X	X	X					NAC 445A.1486
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek.	X	X	X	X	X	X	X	X					NAC 445A.1488
Maggie Creek at Jack Creek	From where it is formed by the Maggie Creek tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1492
Maggie Creek at Soap Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1494
Maggie Creek at the Humboldt River	From its confluence with Soap Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1496
Secret Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X					NAC 445A.1498
Secret Creek at the Humboldt River	From the national forest boundary to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1502
Lamoille Creek at the gaging station	From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X	X	X					NAC 445A.1504

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Lamoille Creek at the Humboldt River	From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1506
J.D. Ponds	The entire area.	X	X	X	X	X	X	X	X					NAC 445A.1508
Denay Creek at Tonkin Reservoir	From its origin to Tonkin Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1512
Tonkin Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1514
Denay Creek below Tonkin Reservoir	Below Tonkin Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1516
Rock Creek at Squaw Valley Ranch	From its origin to Squaw Valley Ranch.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1518
Rock Creek below Squaw Valley Ranch	Below Squaw Valley Ranch.	X	X	X	X	X	X	X	X					NAC 445A.1522
Willow Creek at Willow Creek Reservoir	From its origin to Willow Creek Reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1524
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1526
North Antelope Creek	From its origin to its confluence with Antelope Creek.	X		X	X	X		X	X					NAC 445A.1527
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1528
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1532
Martin Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1534
Martin Creek below the national forest boundary	From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1536
Dutch John Creek	The entire length.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1538
Huntington Creek at the White Pine-Elko county line	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X	X	X					NAC 445A.1542
Huntington Creek at Smith Creek	From the White Pine-Elko county line to its confluence with Smith Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1544
Huntington Creek at the South Fork of the Humboldt River	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River.	X	X	X	X	X	X	X	X					NAC 445A.1546

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Green Mountain Creek at Toyn Creek	From its origin to its confluence with Toyn Creek.	X	X	X	X	X	X	X	X					NAC 445A.1548
Toyn Creek at Corral Creek	From its confluence with Green Mountain Creek to its confluence with Corral Creek.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1552
Toyn Creek at Green Mountain Creek	From its origin to its confluence with Green Mountain Creek.	X	X	X	X	X	X	X	X					NAC 445A.1554
Reese River at Indian Creek	From its origin to its confluence with Indian Creek, except for the length of the river within the exterior borders of the Yomba Indian Reservation.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1556
Reese River at State Route 722	From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50), except for the length of the river within the exterior borders of the Yomba Indian Reservation.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1558
Reese River below State Route 722	North of State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X					NAC 445A.1562
San Juan Creek	From its origin to the national forest boundary.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1564
Big Creek at the forest service campground	From its origin to the east boundary of the United States Forest Service's Big Creek Campground.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1566
Big Creek below the forest service campground	From the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1568
Mill Creek	From its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1572
Lewis Creek	From its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1574
Iowa Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1576
Starr Creek	From the confluence of Ackler and Herder Creeks to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1578

Irrigation	Irrigation
Livestock	Watering of livestock

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 67. NAC 445A.1436 is hereby amended to read as follows:

445A.1436 The limits of this table apply to the body of water known as the Humboldt River from the upstream source of the main stem to Osino. This segment of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River near Osino

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.3 S.V. 7.0 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. ≤ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 1.5~~ ~~S.V. Apr-Nov ≤ 2.4~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.5*** ***S.V. Apr-Nov ≤ 2.4***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Suspended Solids - mg/L		Annual Median ≤ 80[d]			*								
Turbidity - NTU		S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~ ***S.V. ≤ 75***						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 370 S.V. ≤ 385	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 22 S.V. ≤ 25	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 75 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[f]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. ≤ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 68. NAC 445A.1438 is hereby amended to read as follows:

445A.1438 The limits of this table apply to the body of water known as the Humboldt River from Osino to the Palisade Gage. This segment of the Humboldt River is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY

Humboldt River at Palisade

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. $\geq$ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~	~~Total Nitrogen A-Avg. $\leq$ 1.4 S.V. Apr-Nov $\leq$ 2.4~~	~~Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. $\leq$ 1.4 S.V. Apr-Nov $\leq$ 2.4***				*	*							
Nitrate (as N) - mg/L		***S.V. $\leq$ 10***						*					
Nitrite (as N) - mg/L		***S.V. $\leq$ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		Annual Median $\leq$ 80[d]			*								
Turbidity - NTU		S.V. $\leq$ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~ ***S.V. $\leq$ 75***						*					
Total Dissolved Solids - mg/L	A-Avg. $\leq$ 350 S.V. $\leq$ 400	A-Avg. $\leq$ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. $\leq$ 21 S.V. $\leq$ 30	S.V. $\leq$ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. $\leq$ 250						*					
Sodium - SAR		A-Avg. $\leq$ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. $\leq$ 20 S.V. $\leq$ 150	S.V. $\leq$ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[f]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 69. NAC 445A.1442 is hereby amended to read as follows:

445A.1442 The limits of this table apply to the body of water known as the Humboldt River from the Palisade Gage to the Battle Mountain Gage. This segment of the Humboldt River is located in Eureka and Lander Counties.

STANDARDS OF WATER QUALITY

Humboldt River at Battle Mountain

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.4 S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. $\geq$ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~	~~Total Nitrogen A-Avg. $\leq$ 1.9 S.V. Apr-Nov $\leq$ 4.0~~	~~Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. $\leq$ 1.9 S.V. Apr-Nov $\leq$ 4.0***				***	***							
Nitrate (as N) - mg/L		***S.V. $\leq$ 10***						***					
Nitrite (as N) - mg/L		***S.V. $\leq$ 1.0***						***					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		Annual Median $\leq$ 80[d]			*								
Turbidity - NTU		S.V. $\leq$ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~ ***S.V. $\leq$ 75***						*					
Total Dissolved Solids - mg/L	A-Avg. $\leq$ 425 S.V. $\leq$ 520	A-Avg. $\leq$ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. $\leq$ 50 S.V. $\leq$ 70	S.V. $\leq$ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. $\leq$ 250						*					
Sodium - SAR		A-Avg. $\leq$ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. $\leq$ 50 S.V. $\leq$ 200	S.V. $\leq$ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[f]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. $\leq$ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 70. NAC 445A.1444 is hereby amended to read as follows:

445A.1444 The limits of this table apply to the body of water known as the Humboldt River from the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River. This segment of the Humboldt River is located in Humboldt and Lander Counties.

STANDARDS OF WATER QUALITY

Humboldt River at State Highway 789

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.7	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. $\geq$ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. $\leq$ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~	~~Total Nitrogen A-Avg. $\leq$ 2.9 S.V. Apr-Nov $\leq$ 3.7~~	~~Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. $\leq$ 2.9 S.V. Apr-Nov $\leq$ 3.7***				*	*							
Nitrate (as N) - mg/L		***S.V. $\leq$ 10***						*					
Nitrite (as N) - mg/L		***S.V. $\leq$ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		Annual Median $\leq$ 80[d]			*								
Turbidity - NTU		S.V. $\leq$ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~ ***S.V. $\leq$ 75***						*					
Total Dissolved Solids - mg/L	A-Avg. $\leq$ 500 S.V. $\leq$ 560	A-Avg. $\leq$ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. $\leq$ 60 S.V. $\leq$ 110	S.V. $\leq$ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. $\leq$ 250						*					
Sodium - SAR		A-Avg. $\leq$ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. $\leq$ 40 S.V. $\leq$ 100	S.V. $\leq$ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[f]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The maximum allowable point source discharge is S.V. ≤ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 71. NAC 445A.1446 is hereby amended to read as follows:

445A.1446 The limits of this table apply to the body of water known as the Humboldt River from ~~[the Comus Gage]~~ ***where State Highway 789 crosses the Humboldt River*** to Imlay. This segment of the Humboldt River is located in Humboldt and Pershing Counties.

STANDARDS OF WATER QUALITY

Humboldt River at Imlay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.5 S.V. 7.0 - 8.7	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. ≤ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 2.4 S.V. Apr-Nov ≤ 2.9~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 2.4 S.V. Apr-Nov ≤ 2.9***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		Annual Median ≤ 80[d]			*								
Turbidity - NTU		S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~ ***S.V. ≤ 75***						*					
Total Dissolved Solids - mg/L	S.V. ≤ 590	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 70 S.V. ≤ 85	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 30 S.V. ≤ 150	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Toxic Materials		[f]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. ≤ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 72. NAC 445A.1448 is hereby amended to read as follows:

445A.1448 The limits of this table apply to the body of water known as the Humboldt River from Imlay to Woolsey. This segment of the Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY

Humboldt River at Woolsey

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*	~~[X]~~							
pH - SU	A-Avg. 7.0 - 8.9 S.V. 7.0 - 9.0	S.V. 6.5 - 9.0 Δ pH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Apr-Nov Seasonal Avg. ≤ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~	~~X~~	~~X~~			~~*~~		~~X]~~			
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		Annual Median ≤ 80[d]			*								
Turbidity - NTU		S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[e]	~~[No Adverse Effects]~~						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V. ≤ 75											
Total Dissolved Solids - mg/L	A-Avg. ≤ 600 S.V. ≤ 700	A-Avg. ≤ 1000	~~[X]~~	~~[X]~~ *				~~[*]~~					
Chloride - mg/L	A-Avg. ≤ 130 S.V. ≤ 175	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 100 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[f]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The maximum allowable point source discharge is S.V. ≤ 80 mg/L of ***total*** suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 73. NAC 445A.1452 is hereby amended to read as follows:

445A.1452 The limits of this table apply to the body of water known as the Humboldt River from Woolsey to Rodgers Dam. This segment of the Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY

Humboldt River at Rodgers Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		~~[S.V. ≤ 500 or the 95th percentile (whichever is less).]~~ ***A-Avg. ≤ 1000***	~~[X]~~	~~[X]~~ *				~~[*]~~					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 74. NAC 445A.1454 is hereby amended to read as follows:

445A.1454 The limits of this table apply to the body of water known as the Humboldt River from Rodgers Dam to the Humboldt Sink. This segment of the Humboldt River is located in Churchill and Pershing Counties.

STANDARDS OF WATER QUALITY

Humboldt River at the Humboldt Sink

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*	~~[X]~~			~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 10	~~[X]~~		*					~~[X]~~			
Total Ammonia (as N) - mg/L		[b]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Chloride - mg/L		1-hr Avg. ≤ 860[c] 96-hr Avg. ≤ 230	~~[X]~~		*					~~[X]~~			
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. 576				*	~~[X]~~						
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 75. NAC 445A.1455 is hereby amended to read as follows:

445A.1455 The limits of this table apply to the body of water known as the Humboldt Sink.

The Humboldt Sink is located in Churchill and Pershing Counties.

STANDARDS OF WATER QUALITY

The Humboldt Sink

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** STANDARDS FOR BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*				~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*		~~[X]~~			~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** STANDARDS FOR BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 76. NAC 445A.1456 is hereby amended to read as follows:

445A.1456 The limits of this table apply to the bodies of water known as the North Fork of the Humboldt River and its tributaries in the Independence Mountain Range from their origin to the national forest boundary. This segment of the North Fork of the Humboldt River and tributaries is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, North Fork and tributaries at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 77. NAC 445A.1458 is hereby amended to read as follows:

445A.1458 The limits of this table apply to the body of water known as the North Fork of the Humboldt River from the national forest boundary to its confluence with Beaver Creek. This segment of the North Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, North Fork at Beaver Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 78. NAC 445A.1462 is hereby amended to read as follows:

445A.1462 The limits of this table apply to the body of water known as the North Fork of the Humboldt River from its confluence with Beaver Creek to its confluence with the Humboldt River. This segment of the North Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, North Fork at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 79. NAC 445A.1464 is hereby amended to read as follows:

445A.1464 The limits of this table apply to the bodies of water known as the 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. This segment of the South Fork of the Humboldt River and its tributaries are located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, South Fork at South Fork Reservoir, including tributaries above Lee

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 80. NAC 445A.1465 is hereby amended to read as follows:

445A.1465 The limits of this table apply to the entire body of water known as South Fork Reservoir. South Fork Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY

South Fork Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0[c]	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/l		Avg. ~~[Jun - ≤ 0.04[d] - Sep]~~ ***Jun-Sep≤ 0.04[d]***			*	*	~~[X]~~	~~[X]~~					
Total Nitrogen (as N) - mg/l		Avg. ~~[Jun - ≤ 0.52[d] - Sep]~~ ***Jun-Sep≤ 0.52[d]***			*	*	~~[X]~~	~~[X]~~					
Nitrite (as N) - mg/l		S.V. ≤ 0.06	X		*			X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			~~[X]~~					
Chlorophyll a - µg/l		Avg. ~~[Jun. - Sep. ≤ 10[d]]~~ ***Jun-Sep≤ 10 [d]***			*	*	~~[X]~~	~~[X]~~					
Total Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Secchi Depth - meters		Avg. ~~[Jun. - ≥ 4.0 Sep]~~ ***Jun-Sep≥ 4.0***			X	*	X	X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)~~	~~X]~~	~~[X]~~				*					
Chloride - mg/l		1-hr Avg. ≤ 860[f] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/l		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/l		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 ml		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 ml		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[g]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] When reservoir is stratified, the dissolved oxygen criterion applies only to the epilimnion.
[d] June-September average for the entire reservoir within the upper meter of the water column. These nutrient criteria are considered attained if:
1 The chlorophyll a criterion is met regardless of the level of total phosphorus or total nitrogen; or
2 If chlorophyll a data are not available, both the total phosphorus and total nitrogen criteria are met.
[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[f] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[g] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 81. NAC 445A.1466 is hereby amended to read as follows:

445A.1466 The limits of this table apply to the body of water known as the South Fork of the Humboldt River from South Fork Reservoir to its confluence with the Humboldt River. This segment of the South Fork of the Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, South Fork at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 82. NAC 445A.1468 is hereby amended to read as follows:

445A.1468 The limits of this table apply to the entire body of water known as the Little Humboldt River. The Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 83. NAC 445A.1472 is hereby amended to read as follows:

445A.1472 The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from its origin to the national forest boundary. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Little Humboldt River, North Fork at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 84. NAC 445A.1474 is hereby amended to read as follows:

445A.1474 The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from the national forest boundary to its confluence with the South Fork of the Little Humboldt River. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Little Humboldt River, North Fork at the South Fork of the Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 85. NAC 445A.1476 is hereby amended to read as follows:

445A.1476 The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from its origin to the Elko-Humboldt county line. This segment of the South Fork of the Little Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Little Humboldt River, South Fork at the Elko-Humboldt county line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 86. NAC 445A.1478 is hereby amended to read as follows:

445A.1478 The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River. This segment of the South Fork of the Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Little Humboldt River, South Fork at the North Fork of the Little Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 87. NAC 445A.1482 is hereby amended to read as follows:

445A.1482 The limits of this table apply to the body of water known as Marys River from its origin to the point where the River crosses the east line of T. 42 N., R. 59 E., M.D.B. & M. This segment of Marys River is located in Elko County.

STANDARDS OF WATER QUALITY

Marys River, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 88. NAC 445A.1484 is hereby amended to read as follows:

445A.1484 The limits of this table apply to the body of water known as Marys River from the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River. This segment of Marys River is located in Elko County.

STANDARDS OF WATER QUALITY

Marys River at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 89. NAC 445A.1486 is hereby amended to read as follows:

445A.1486 The limits of this table apply to the body of water known as Tabor Creek from its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M. Tabor Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Tabor Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 90. NAC 445A.1488 is hereby amended to read as follows:

445A.1488 The limits of this table apply to the bodies of water known as the Maggie Creek Tributaries from their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek. The Maggie Creek Tributaries are located in Elko County.

STANDARDS OF WATER QUALITY

Maggie Creek Tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 91. NAC 445A.1492 is hereby amended to read as follows:

445A.1492 The limits of this table apply to the body of water known as Maggie Creek from where it is formed by the Maggie Creek Tributaries to its confluence with Jack Creek. This segment of Maggie Creek is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY

Maggie Creek at Jack Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 92. NAC 445A.1494 is hereby amended to read as follows:

445A.1494 The limits of this table apply to the body of water known as Maggie Creek from its confluence with Jack Creek to its confluence with Soap Creek. This segment of Maggie Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Maggie Creek at Soap Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 93. NAC 445A.1496 is hereby amended to read as follows:

445A.1496 The limits of this table apply to the body of water known as Maggie Creek from its confluence with Soap Creek to its confluence with the Humboldt River. This segment of Maggie Creek is located in Elko and Eureka Counties.

STANDARDS OF WATER QUALITY

Maggie Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[a] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 94. NAC 445A.1498 is hereby amended to read as follows:

445A.1498 The limits of this table apply to the body of water known as Secret Creek from its origin to the national forest boundary. This segment of Secret Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Secret Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 95. NAC 445A.1502 is hereby amended to read as follows:

445A.1502 The limits of this table apply to the body of water known as Secret Creek from the national forest boundary to its confluence with the Humboldt River. This segment of Secret Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Secret Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 96. NAC 445A.1504 is hereby amended to read as follows:

445A.1504 The limits of this table apply to the body of water known as Lamoille Creek from its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M. This segment of Lamoille Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Lamoille Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 97. NAC 445A.1506 is hereby amended to read as follows:

445A.1506 The limits of this table apply to the body of water known as Lamoille Creek from gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River. This segment of Lamoille Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Lamoille Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 98. NAC 445A.1508 is hereby amended to read as follows:

445A.1508 The limits of this table apply to the entire body of water known as J.D. Ponds. J.D. Ponds is located in Eureka County.

STANDARDS OF WATER QUALITY

J.D. Ponds

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 99. NAC 445A.1512 is hereby amended to read as follows:

445A.1512 The limits of this table apply to the body of water known as Denay Creek from its origin to Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Denay Creek at Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 100. NAC 445A.1514 is hereby amended to read as follows:

445A.1514 The limits of this table apply to the entire body of water known as Tonkin Reservoir. Tonkin Reservoir is located in Eureka County.

Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 101. NAC 445A.1516 is hereby amended to read as follows:

445A.1516 The limits of this table apply to the body of water known as Denay Creek below Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.

Denay Creek below Tonkin Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
e ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 102. NAC 445A.1518 is hereby amended to read as follows:

445A.1518 The limits of this table apply to the body of water known as Rock Creek from its origin to Squaw Valley Ranch. This segment of Rock Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Rock Creek at Squaw Valley Ranch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 103. NAC 445A.1522 is hereby amended to read as follows:

445A.1522 The limits of this table apply to the body of water known as Rock Creek below Squaw Valley Ranch. This segment of Rock Creek is located in Elko, Eureka and Lander Counties.

STANDARDS OF WATER QUALITY

Rock Creek below Squaw Valley Ranch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 104. NAC 445A.1524 is hereby amended to read as follows:

445A.1524 The limits of this table apply to the body of water known as Willow Creek from its origin to Willow Creek Reservoir. Willow Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Willow Creek at Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 105. NAC 445A.1526 is hereby amended to read as follows:

445A.1526 The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Elko County.

STANDARDS OF WATER QUALITY

Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 106. NAC 445A.1527 is hereby amended to read as follows:

445A.1527 The limits of this table apply to the body of water known as North Antelope Creek from its origin to its confluence with Antelope Creek. ~~[This segment of]~~ North Antelope Creek is located in Elko County.

STANDARDS OF WATER QUALITY

North Antelope Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X		X	X	X		X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. ≤ 34.0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~		*	~~[*]~~			~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate~~ [b] ~~Nitrite~~ [b] ~~Total Nitrogen~~ [b]	~~X~~ ~~X~~		~~*~~ ~~*~~ ~~*~~	 ~~X~~	 ~~X~~			~~X~~ ~~X~~ ~~X]~~			
Total Nitrogen (as N) - mg/L		*b*			*	*							
Nitrate (as N) - mg/L		*b*			*								
Nitrite (as N) - mg/L		*b*			*								
Total Ammonia (as N) - mg/L		c			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Total Dissolved Solids - mg/L		S.V. ≤ 3000	*										
Chloride - mg/L		1-hr. Avg. ≤ 860[d] 96-hr. Avg. ≤ 230	~~[X]~~		*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~				~~[X]~~			*			
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 107. NAC 445A.1528 is hereby amended to read as follows:

445A.1528 The limits of this table apply to the body of water known as Pole Creek from its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M. Pole Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Pole Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 108. NAC 445A.1532 is hereby amended to read as follows:

445A.1532 The limits of this table apply to the body of water known as Water Canyon Creek from its origin to the point of diversion of the Winnemucca municipal water supply, near

the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M. Water Canyon Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Water Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 109. NAC 445A.1534 is hereby amended to read as follows:

445A.1534 The limits of this table apply to the body of water known as Martin Creek from its origin to the national forest boundary. This segment of Martin Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Martin Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 110. NAC 445A.1536 is hereby amended to read as follows:

445A.1536 The limits of this table apply to the body of water known as Martin Creek from the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. This segment of Martin Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Martin Creek below the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 111. NAC 445A.1538 is hereby amended to read as follows:

445A.1538 The limits of this table apply to the entire body of water known as Dutch John Creek. Dutch John Creek is located in Humboldt County.

STANDARDS OF WATER QUALITY

Dutch John Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 112. NAC 445A.1542 is hereby amended to read as follows:

445A.1542 The limits of this table apply to the body of water known as Huntington Creek from its origin to the White Pine-Elko county line. This segment of Huntington Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Huntington Creek at the White Pine-Elko county line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[~~ambient~~]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 113. NAC 445A.1544 is hereby amended to read as follows:

445A.1544 The limits of this table apply to the body of water known as Huntington Creek from the White Pine-Elko county line to its confluence with Smith Creek. This segment of Huntington Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Huntington Creek at Smith Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 114. NAC 445A.1546 is hereby amended to read as follows:

445A.1546 The limits of this table apply to the body of water known as Huntington Creek from its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River. This segment of Huntington Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Huntington Creek at the South Fork of the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 115. NAC 445A.1548 is hereby amended to read as follows:

445A.1548 The limits of this table apply to the body of water known as Green Mountain Creek from its origin to its confluence with Toyn Creek. Green Mountain Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Green Mountain Creek at Toyn Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 116. NAC 445A.1552 is hereby amended to read as follows:

445A.1552 The limits of this table apply to the body of water known as Toyn Creek from its confluence with Green Mountain Creek to its confluence with Corral Creek. This segment of Toyn Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Toyn Creek at Corral Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 117. NAC 445A.1554 is hereby amended to read as follows:

445A.1554 The limits of this table apply to the body of water known as Toyn Creek from its origin to its confluence with Green Mountain Creek. This segment of Toyn Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Toyn Creek at Green Mountain Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 118. NAC 445A.1556 is hereby amended to read as follows:

445A.1556 The limits of this table apply to the body of water known as the Reese River from its origin to its confluence with Indian Creek, except for the length of the river within the exterior borders of the Yomba Indian Reservation. This segment of the Reese River is located in Nye County.

STANDARDS OF WATER QUALITY

Reese River at Indian Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 119. NAC 445A.1558 is hereby amended to read as follows:

445A.1558 The limits of this table apply to the body of water known as the Reese River from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50), except for the length of the river within the exterior borders of the Yomba Indian Reservation. This segment of the Reese River is located in Lander and Nye Counties.

STANDARDS OF WATER QUALITY

Reese River at State Route 722

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 120. NAC 445A.1562 is hereby amended to read as follows:

445A.1562 The limits of this table apply to the body of water known as the Reese River north of State Route 722 (old U.S. Highway 50). This segment of the Reese River is located in Lander County.

STANDARDS OF WATER QUALITY

Reese River below State Route 722

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 1.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 50			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 121. NAC 445A.1564 is hereby amended to read as follows:

445A.1564 The limits of this table apply to the body of water known as San Juan Creek from its origin to the national forest boundary. San Juan Creek is located in Nye County.

STANDARDS OF WATER QUALITY

San Juan Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 122. NAC 445A.1566 is hereby amended to read as follows:

445A.1566 The limits of this table apply to the body of water known as Big Creek from its origin to the east boundary of the United States Forest Service's Big Creek Campground. This segment of Big Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Big Creek at the forest service campground

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg.≤ 860[d] 96-hr Avg.≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 123. NAC 445A.1568 is hereby amended to read as follows:

445A.1568 The limits of this table apply to the body of water known as Big Creek from the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M. This segment of Big Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Big Creek below the forest service campground

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg.≤ 860[d] 96-hr Avg.≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 124. NAC 445A.1572 is hereby amended to read as follows:

445A.1572 The limits of this table apply to the body of water known as Mill Creek from its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M. Mill Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Mill Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg.≤ 860[d] 96-hr Avg.≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 125. NAC 445A.1574 is hereby amended to read as follows:

445A.1574 The limits of this table apply to the body of water known as Lewis Creek from its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M. Lewis Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Lewis Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 126. NAC 445A.1576 is hereby amended to read as follows:

445A.1576 The limits of this table apply to the entire body of water known as Iowa Canyon Reservoir. Iowa Canyon Reservoir is located in Lander County.

STANDARDS OF WATER QUALITY

Iowa Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 127. NAC 445A.1578 is hereby amended to read as follows:

445A.1578 The limits of this table apply to the body of water known as Starr Creek from the confluence of Ackler and Herder Creeks to the Humboldt River. Starr Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Starr Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Nitrate (as N) - mg/L		S.V. ≤ 10	~~[X]~~		~~[X]~~			*		~~[X]~~			
Nitrite (as N) - mg/L		S.V. ≤ 0.06	~~[X]~~		*			~~[X]~~		~~[X]~~			
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1432 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 128. NAC 445A.1626 is hereby amended to read as follows:

445A.1626 The limits of this table apply to the body of water known as Lake Tahoe for its existing sampling points. This segment of Lake Tahoe is located in Carson City and Douglas and Washoe Counties.

STANDARDS OF WATER QUALITY

Lake Tahoe

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	X		
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C ΔT^b - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 7.0-8.4	~~[X]~~	~~[X]~~	~~[*]~~	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~	*		
Dissolved Oxygen - percent of saturation		S.V. ≥ 90.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Soluble Phosphorus - µg/l		A-Avg. ≤ 7.0			~~[*]~~	~~[X]~~	~~[X]~~	~~[X]~~			*		
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen~~ ~~A-Avg. ≤ 0.25~~ ~~S.V. ≤ 0.32~~	~~X~~		~~*~~			~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L		***A-Avg. ≤ 0.25*** ***S.V. ≤ 0.32***									*		
Total Soluble Inorganic Nitrogen - µg/l		A-Avg. ≤ 25.0	~~[*]~~	~~[X]~~	~~[X]~~			~~[*]~~		~~[X]~~	*		
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.003			*			~~[X]~~					
Algal Growth Potential		[c]									*		
Plankton Count - No./mL		Avg. (Jun-Sep) ≤ 100.0 S.V. ≤ 500.0									*		
Turbidity		[d]			~~[*]~~						*		
Clarity		[e]			~~[*]~~						~~[X]~~ *		
Total Dissolved Solids - mg/L		A-Avg. ≤ 60.0 S.V. ≤ 70.0	~~[X]~~	~~[X]~~				~~[*]~~			*		
Chloride - mg/L		A-Avg. ≤ 3.0 S.V. ≤ 5.0	~~[X]~~		~~[*]~~			~~[X]~~		~~[X]~~	*		
Sulfate - mg/L		S.V. ≤ 2.0						~~[*]~~			*		
Sodium - SAR		A-Avg. ≤ 8.0		*									

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Specific Electrical Conductance µmhos/cm@20°C		A-Avg. ≤ 95.0 S.V. ≤ 105.0						*					
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Coliform Organisms - MPN/100 mL		[f]	~~[X]~~	~~[X]~~		*	~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[g]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The mean annual algal growth potential at any point in the lake must not be greater than twice the mean annual algal potential at a limnetic reference station and using analytical methods determined jointly with the Environmental Protection Agency, Region IX.

[d] To minimize turbidity levels in Lake Tahoe and tributary streams and control erosion:

1. The discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to Lake Tahoe or any tributary thereto is prohibited.
2. The discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to lands below the high water rim of Lake Tahoe or along any tributary to Lake Tahoe in a manner which will cause the discharge of the waste materials to Lake Tahoe or any tributary thereto is prohibited.
3. The placement or man-made disturbance of material below the high water rim of Lake Tahoe or along any tributaries to Lake Tahoe in a manner which will cause the discharge of solid or liquid waste materials including soil, silt, clay, sand and other organic and earthen materials to Lake Tahoe or any tributary thereto is prohibited.

[e] The vertical extinction coefficient must be less than 0.08 per meter when measured at any depth below the first meter. Turbidity must not exceed 3 NTU at any point of the lake too shallow to determine a reliable extinction coefficient.

[f] A density not greater than the values shown in the following table:

	Median	Maximum
Undeveloped Lake Front Areas		
10 yards offshore	5.0	32.0
100 yards offshore	3.0	15.0
Developed Lake Front Areas		
10 yards offshore	240.0	700.0
100 yards offshore	15.0	64.0
Directly Influenced by Streams		
10 yards offshore	240.0	700.0
100 yards offshore	32.0	240.0

[g] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 129. NAC 445A.1628 is hereby amended to read as follows:

445A.1628 The limits of this table apply to the bodies of water known as the Lake Tahoe Tributaries which are located in Nevada and which are not included in NAC 445A.1632 to 445A.1666, inclusive. The Lake Tahoe Tributaries are located in Carson City and Douglas and Washoe Counties.

STANDARDS OF WATER QUALITY

Lake Tahoe Tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU		S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 130. NAC 445A.1632 is hereby amended to read as follows:

445A.1632 The limits of this table apply to the body of water known as the East Fork of Incline Creek from its origin to the ski resort. The East Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Incline Creek, East Fork at the ski resort

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 7.9	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 1.1 A-Avg. ≤ 0.4~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 1.1 A-Avg. ≤ 0.4***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 70 A-Avg. ≤ 55	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 4.0 A-Avg. ≤ 2.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 80.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 131. NAC 445A.1634 is hereby amended to read as follows:

445A.1634 The limits of this table apply to the body of water known as the West Fork of Incline Creek from its origin to State Highway 431. The West Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Incline Creek, West Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.9 A-Avg. ≤ 0.5~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.9 A-Avg. ≤ 0.5***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	A-Avg. ≤ 8.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 80 A-Avg. ≤ 80	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 6.0 A-Avg. ≤ 5.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 132. NAC 445A.1636 is hereby amended to read as follows:

445A.1636 The limits of this table apply to the bodies of water known as the East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe. These segments of Incline Creek are located in Washoe County.

STANDARDS OF WATER QUALITY

Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 1.8 A-Avg. ≤ 1.2~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 1.8 A-Avg. ≤ 1.2***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			~~[*]~~			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 85 A-Avg. ≤ 70	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 8.0 A-Avg. ≤ 6.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 133. NAC 445A.1638 is hereby amended to read as follows:

445A.1638 The limits of this table apply to the body of water known as the East Fork of Third Creek from its origin to State Highway 431. The East Fork of Third Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Third Creek, East Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.3~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.5 A-Avg. ≤ 0.3***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	A-Avg. ≤ 20.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							~~[*]~~	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 80 A-Avg. ≤ 65	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
a Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 134. NAC 445A.1642 is hereby amended to read as follows:

445A.1642 The limits of this table apply to the bodies of water known as the East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe. These segments of Third Creek are located in Washoe County.

STANDARDS OF WATER QUALITY

Third Creek, East Fork; Third Creek, West Fork; and Third Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species~~	~~Total Nitrogen~~	~~Nitrate S.V. ≤ 10.0~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
~~(as N) - mg/L~~	~~S.V. ≤ 1.4~~ ~~A-Avg. ≤ 1.0~~	~~Nitrite S.V. ≤ 0.06~~											
Total Nitrogen (as N) - mg/L	***S.V. ≤ 1.4*** ***A-Avg. ≤ 1.0***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 75 A-Avg. ≤ 55	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 5.0 A-Avg. ≤ 4.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 135. NAC 445A.1644 is hereby amended to read as follows:

445A.1644 The limits of this table apply to the body of water known as Wood Creek from its origin to its confluence with Lake Tahoe. Wood Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Wood Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY [STANDARDS FOR] ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	[X]							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	[X]	[X]	*	[*]		[X]	[X]	[*]			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	[X]		*	[X]	[X]	[X]		[X]			
Total [Phosphates] ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	[X] *	[X]	[X]				[*]	
[Nitrogen Species (as N) - mg/L	Total Nitrogen S.V. ≤ 0.7 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*]	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.7 A-Avg. ≤ 0.5***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			[X]					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							[*]	
Turbidity - NTU		S.V. ≤ 10.0			*							[*]	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				[*]	
Total Dissolved Solids - mg/L	S.V. ≤ 70 A-Avg. ≤ 60	A-Avg. ≤ 500.0	[X]	[X]				*					
Chloride - mg/L	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	[X]		[*]			[X] *		[X]			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	[X]						
Toxic Materials		***b***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 136. NAC 445A.1646 is hereby amended to read as follows:

445A.1646 The limits of this table apply to the body of water known as Second Creek from its origin to Second Creek Drive. This segment of Second Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Second Creek at Second Creek Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.3 A-Avg. ≤ 0.2***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 70 A-Avg. ≤ 65	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 137. NAC 445A.1648 is hereby amended to read as follows:

445A.1648 The limits of this table apply to the body of water known as Second Creek from Second Creek Drive to its confluence with Lake Tahoe. This segment of Second Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Second Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.5 A-Avg. ≤ 0.3***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 80 A-Avg. ≤ 60	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 6.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 138. NAC 445A.1652 is hereby amended to read as follows:

445A.1652 The limits of this table apply to the body of water known as First Creek from its origin to Dale and Knotty Pine Drives. This segment of First Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

First Creek at Dale and Knotty Pine Drives

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.1	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.043	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.5 A-Avg. ≤ 0.3***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU	S.V. ≤ 4.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 80 A-Avg. ≤ 70	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 139. NAC 445A.1654 is hereby amended to read as follows:

445A.1654 The limits of this table apply to the body of water known as First Creek from Dale and Knotty Pine Drives to its confluence with Lake Tahoe. This segment of First Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

First Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.6 A-Avg. ≤ 0.3***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU	S.V. ≤ 9.0 A-Avg. ≤ 8.0	S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L	S.V. ≤ 90 A-Avg. ≤ 75	A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	S.V. ≤ 4.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 140. NAC 445A.1656 is hereby amended to read as follows:

445A.1656 The limits of this table apply to the body of water known as Glenbrook Creek from its origin to its confluence with Lake Tahoe. Glenbrook Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Glenbrook Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.060	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.5 A-Avg. ≤ 0.5***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	S.V. ≤ 22.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 141. NAC 445A.1658 is hereby amended to read as follows:

445A.1658 The limits of this table apply to the body of water known as Logan House Creek from its origin to its confluence with Lake Tahoe. Logan House Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Logan House Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.035 A-Avg. ≤ 0.035	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.5 A-Avg. ≤ 0.5***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	S.V. ≤ 11.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 142. NAC 445A.1662 is hereby amended to read as follows:

445A.1662 The limits of this table apply to the body of water known as Eagle Rock Creek from its origin to its confluence with Edgewood Creek. Eagle Rock Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Eagle Rock Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.050 A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.3 A-Avg. ≤ 0.2***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	S.V. ≤ 12.0 A-Avg. ≤ 12.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 143. NAC 445A.1664 is hereby amended to read as follows:

445A.1664 The limits of this table apply to the body of water known as Edgewood Creek from its origin to 50 feet downstream from the culvert at Palisades Drive. This segment of Edgewood Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Edgewood Creek at Palisades Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun–Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.100	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.6~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.6 A-Avg. ≤ 0.6***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10.0			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 144. NAC 445A.1666 is hereby amended to read as follows:

445A.1666 The limits of this table apply to the body of water known as Edgewood Creek from 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe. This segment of Edgewood Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Edgewood Creek at Stateline

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.065	A-Avg. ≤ 0.05			*	~~[X]~~ *	~~[X]~~	~~[X]~~				~~[*]~~	
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen S.V. ≤ 0.4~~	~~Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06~~	~~X~~		~~X~~			~~*~~		~~X~~		~~*]~~	
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.4***											*	
Nitrate (as N) - mg/L		***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Unionized Ammonia - mg/L		S.V. ≤ 0.004			*			~~[X]~~					
Total Suspended Solids - mg/L	S.V. ≤ 17.0	S.V. ≤ 25.0			*							~~[*]~~	
Turbidity - NTU		S.V. ≤ 10			*							~~[*]~~	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				~~[*]~~	
Total Dissolved Solids - mg/L		A-Avg. ≤ 500.0	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		S.V. ≤ 250.0	~~[X]~~		~~[*]~~			~~[X]~~ *		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
E. coli - No./100 mL		S.V. ≤ 126.0				*	~~[X]~~						
Toxic Materials		[b]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 145. NAC 445A.1682 is hereby amended to read as follows:

445A.1682 The limits of this table apply to the body of water known as the Truckee River at the California-Nevada state line. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

Truckee River at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23			*	~~[X]~~							
ΔT^b - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.03	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Ortho Phosphate]~~ ***Orthophosphate*** (as P) - mg/L	S.V. ≤ 0.01	S.V. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43~~	~~Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.3 S.V. ≤ 0.43***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 0.04***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 5.0 S.V. ≤ 9.0	S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 70.0 S.V. ≤ 85.0	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 30.0 S.V. ≤ 150.0	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
BOD - mg/L		A-Avg. ≤ 2.5 S.V. ≤ 3.0						~~[*]~~					
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 146. NAC 445A.1684 is hereby amended to read as follows:

445A.1684 The limits of this table apply to the body of water known as the Truckee River from the California-Nevada state line to Idlewild. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

Truckee River at Idlewild

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23			*	~~[X]~~							
ΔT^b - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.2 - 8.3	S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/L		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.05	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Ortho Phosphate]~~ ***Orthophosphate*** (as P) - mg/L	S.V. ≤ 0.02	S.V. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43~~	~~Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.3 S.V. ≤ 0.43***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 0.04***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 6.0 S.V. ≤ 9.0	S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 80.0 S.V. ≤ 95.0	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50.0 S.V. ≤ 200.0	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
BOD - mg/L		A-Avg. ≤ 2.5 S.V. ≤ 3.0		~~*~~				~~[*]~~					
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 147. NAC 445A.1686 is hereby amended to read as follows:

445A.1686 The limits of this table apply to the body of water known as the Truckee River from Idlewild to the East McCarran Boulevard Bridge. This segment of the Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

Truckee River at East McCarran

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.05	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Ortho Phosphate]~~ ***Orthophosphate*** (as P) - mg/L	S.V. ≤ 0.02	S.V. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 0.3~~ ~~S.V. ≤ 0.43~~	~~Nitrate S.V. ≤ 2.0~~ ~~Nitrite S.V. ≤ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.3*** ***S.V. ≤ 0.43***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 0.04***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 6.0	S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 90.0 S.V. ≤ 120.0	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 10.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 7.0 S.V. ≤ 8.0	S.V. ≤ 250						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 75.0 S.V. ≤ 350.0	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
BOD - mg/L		A-Avg. ≤ 3.0 S.V. ≤ 5.0		*				~~[*]~~					
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 148. NAC 445A.1688 is hereby amended to read as follows:

445A.1688 The limits of this table apply to the body of water known as the Truckee River from the East McCarran Boulevard Bridge to the Lockwood Bridge. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY

Truckee River at Lockwood Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Juvenile and adult rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Mar ≤ 13 S.V. Apr ≤ 21[c] S.V. May ≤ 22[c,d] S.V. Jun-Oct ≤ 23[c,d]			*	~~[X]~~							
ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.1 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L		***A-Avg. ≤ 0.75 S.V. ≤ 1.2***			*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 0.04***			*								
Total Ammonia (as N) - mg/L		[e]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 210.0 S.V. ≤ 260.0	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 26.0 S.V. ≤ 30.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 39.0 S.V. ≤ 46.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1.5 S.V. ≤ 2.0	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 90.0 S.V. ≤ 300.0	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[g]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard. The ΔT of ≤ 2°C is only for the Reno and Sparks Joint Wastewater Treatment Plant.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.

[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[f] Increase in color must not be more than 10 PCU above natural conditions.

[g] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 149. NAC 445A.1692 is hereby amended to read as follows:

445A.1692 The limits of this table apply to the body of water known as the Truckee River from the Lockwood Bridge to Derby Dam. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY

Truckee River at Derby Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar $\leq$ 13 S.V. Apr $\leq 21^{c}$ S.V. May $\leq 22^{c,d}$ S.V. Jun-Oct $\leq 23^{c,d}$ $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.0 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Mar $\geq$ 6.0 S.V. Apr-Oct $\geq$ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. $\leq$ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Total N A-Avg. $\leq$ 0.75 Total N S.V. $\leq$ 1.2 Nitrate S.V. $\leq$ 2.0 Nitrite S.V. $\leq$ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L		***A-Avg. $\leq$ 0.75 S.V. $\leq$ 1.2***			*	*							
Nitrate (as N) - mg/L		***S.V. $\leq$ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. $\leq$ 0.04***			*								
Total Ammonia (as N) - mg/L		[e]			*								
Total Suspended Solids - mg/L	A-Avg. $\leq$ 24.0 S.V. $\leq$ 40.0	S.V. $\leq$ 50			*								
Turbidity - NTU	A-Avg. $\leq$ 8.0	S.V. $\leq$ 10			*			~~[X]~~					
Color - PCU	[f]	S.V. $\leq$ 75						*					
Total Dissolved Solids - mg/L	A-Avg. $\leq$ 215.0 S.V. $\leq$ 265.0	A-Avg. $\leq$ 500	~~[X]~~	~~[X]~~				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/L	A-Avg. ≤ 21.0 S.V. ≤ 30.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 39.0 S.V. ≤ 46.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1.5 S.V. ≤ 2.0	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 80.0 S.V. ≤ 250	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[g]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14°C from April through June.
[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.
[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[f] Increase in color must not be more than 10 PCU above natural conditions.
[g] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 150. NAC 445A.1694 is hereby amended to read as follows:

445A.1694 The limits of this table apply to the body of water known as the Truckee River from Derby Dam to the exterior border of the Pyramid Lake Paiute Reservation. This segment of the Truckee River is located in Storey and Washoe Counties.

STANDARDS OF WATER QUALITY

Truckee River at the Pyramid Lake Paiute Reservation

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Early spawning Lahontan cutthroat trout and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 13[c] S.V. Apr-Jun ≤ 14[c] S.V. Jul-Oct ≤ 25[d] $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.1 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Jun ≥ 6.0 S.V. July-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04~~			~~*~~	~~*~~	~~X~~	~~X]~~					
Total Nitrogen (as N) - mg/L		***A-Avg. ≤ 0.75 S.V. ≤ 1.2***			*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 2.0***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 0.04***			*								
Total Ammonia (as N) - mg/L		[e]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 245.0 S.V. ≤ 310.0	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 20.0 S.V. ≤ 28.0	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 39.0 S.V. ≤ 46.0	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1.5 S.V. ≤ 2.0	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50 S.V. ≤ 250	S.V. $\leq 1,000$	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[g]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 13°C from November through March and 14°C from April through June.

[d] The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.
[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[f] Increase in color must not be more than 10 PCU above natural conditions.
[g] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 151. NAC 445A.1698 is hereby amended to read as follows:

445A.1698 The limits of this table apply to the body of water known as Bronco Creek from its origin to the California-Nevada state line. Bronco Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Bronco Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		Avg. Jun-Sep ≤ 20.0 S.V. Summer ≤ 25.0 S.V. Winter ≤ 13.0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen~~ [b]	~~X~~ ~~X~~		~~*~~ ~~*~~	~~*]~~		~~*~~ ~~X~~		~~X~~ ~~X~~			
Total Nitrogen (as N) - mg/L		***b***			*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*****								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***e***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 152. NAC 445A.1702 is hereby amended to read as follows:

445A.1702 The limits of this table apply to the body of water known as Gray Creek from its origin to the California-Nevada state line. Gray Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Gray Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		Avg. Jun-Sep ≤ 20.0 S.V. Summer ≤ 25.0 S.V. Winter ≤ 13.0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 7.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.1[b]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~ ~~Total Nitrogen~~ [b]	~~X~~ ~~X~~		~~*~~ ~~*~~	 ~~*]~~		~~*~~ ~~X~~		~~X~~ ~~X~~			
Total Nitrogen (as N) - mg/L		*b*			*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		S.V. ≤ 10			*								
Color - PCU		S.V. ≤ 75						*					
Total Dissolved Solids - mg/L		S.V. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L		1-hr Avg. ≤ 860[d] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The water must not contain nutrient concentrations from a source other than a natural source which cause the growth of algae or aquatic plants in amounts that interfere with any beneficial uses of the water.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 153. NAC 445A.1704 is hereby amended to read as follows:

445A.1704 The limits of this table apply to the body of water known as Hunter Creek from its origin to Hunter Lake. This segment of Hunter Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Hunter Creek at Hunter Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 154. NAC 445A.1706 is hereby amended to read as follows:

445A.1706 The limits of this table apply to the entire body of water known as Hunter Lake. Hunter Lake is located in Washoe County.

STANDARDS OF WATER QUALITY

Hunter Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 155. NAC 445A.1708 is hereby amended to read as follows:

445A.1708 The limits of this table apply to the body of water known as Hunter Creek from Hunter Lake to its confluence with the Truckee River. This segment of Hunter Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Hunter Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			~~[X]~~	X	X	X	~~[X]~~	X	X	~~[X]~~			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 156. NAC 445A.1722 is hereby amended to read as follows:

445A.1722 The limits of this table apply to the entire body of water known as Washoe Lakes. Washoe Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY

Washoe Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 157. NAC 445A.1724 is hereby amended to read as follows:

445A.1724 The limits of this table apply to the body of water known as Steamboat Creek from Little Washoe Lake to gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M. This segment of Steamboat Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Steamboat Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 158. NAC 445A.1726 is hereby amended to read as follows:

445A.1726 The limits of this table apply to the body of water known as Steamboat Creek from gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M., to its confluence with the Truckee River. This segment of Steamboat Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Steamboat Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*	~~[X]~~			~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. 576				*	~~[X]~~						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 159. NAC 445A.1728 is hereby amended to read as follows:

445A.1728 The limits of this table apply to the body of water known as Franktown Creek from its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M. This segment of Franktown Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Franktown Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 160. NAC 445A.1732 is hereby amended to read as follows:

445A.1732 The limits of this table apply to the body of water known as Franktown Creek from the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M., to Washoe Lake. This segment of Franktown Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Franktown Creek at Washoe Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 161. NAC 445A.1734 is hereby amended to read as follows:

445A.1734 The limits of this table apply to the entire system known as Hobart Reservoir and its tributaries. Hobart Reservoir and its tributaries are located in Washoe County.

STANDARDS OF WATER QUALITY

Hobart Reservoir and tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 162. NAC 445A.1736 is hereby amended to read as follows:

445A.1736 The limits of this table apply to the body of water known as Ophir Creek from its origin to State Route 429 (old U.S. Highway 395). This segment of Ophir Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Ophir Creek at State Route 429

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 163. NAC 445A.1738 is hereby amended to read as follows:

445A.1738 The limits of this table apply to the body of water known as Ophir Creek from State Route 429 (old U.S. Highway 395) to Washoe Lake. This segment of Ophir Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Ophir Creek at Washoe Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY [STANDARDS FOR] ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	[X]							
pH - SU		S.V. 6.5 - 9.0	[X]	[X]	*	[*]		[X]	[X]	[*]			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	[X]		*	[X]	[X]	[X]		[X]			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	[X]	[X]					
Total Ammonia (as N) - mg/L		[c]			*			[X]					
Total Dissolved Solids - mg/L		S.V. ≤ 500 [or the 95th percentile (whichever is less).]	[X]	[X]				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	[X]						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	[X]	*			[X]	[X]		[X]			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The [ambient] water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 164. NAC 445A.1742 is hereby amended to read as follows:

445A.1742 The limits of this table apply to the entire body of water known as Price Lakes. Price Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY

Price Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 165. NAC 445A.1744 is hereby amended to read as follows:

445A.1744 The limits of this table apply to the entire body of water known as Davis Lake. Davis Lake is located in Washoe County.

STANDARDS OF WATER QUALITY

Davis Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 166. NAC 445A.1746 is hereby amended to read as follows:

445A.1746 The limits of this table apply to the body of water known as Galena Creek from its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Galena Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 167. NAC 445A.1748 is hereby amended to read as follows:

445A.1748 The limits of this table apply to the body of water known as Galena Creek from the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Galena Creek, middle

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 168. NAC 445A.1752 is hereby amended to read as follows:

445A.1752 The limits of this table apply to the body of water known as Galena Creek from gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek. This segment of Galena Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Galena Creek at Steamboat Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 169. NAC 445A.1754 is hereby amended to read as follows:

445A.1754 The limits of this table apply to the body of water known as Whites Creek from its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. This segment of Whites Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Whites Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 170. NAC 445A.1756 is hereby amended to read as follows:

445A.1756 The limits of this table apply to the body of water known as Whites Creek below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch. This segment of Whites Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Whites Creek at Steamboat Ditch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 171. NAC 445A.1758 is hereby amended to read as follows:

445A.1758 The limits of this table apply to the body of water known as Whites Creek below Steamboat Ditch. This segment of Whites Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Whites Creek at Steamboat Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 172. NAC 445A.1762 is hereby amended to read as follows:

445A.1762 The limits of this table apply to the entire body of water known as Lagomarsino Creek, also known as Long Valley Creek. Lagomarsino Creek is located in Storey County.

STANDARDS OF WATER QUALITY

Lagomarsino Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*	~~[X]~~			~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. 576				*	~~[X]~~						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 173. NAC 445A.1764 is hereby amended to read as follows:

445A.1764 The limits of this table apply to the entire area known as Tracy Pond. Tracy Pond is located in Storey County.

STANDARDS OF WATER QUALITY

Tracy Pond

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[~~X~~]~~							
pH - SU		S.V. 6.5 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*	~~[~~*~~]~~		~~[~~X~~]~~	~~[~~X~~]~~	~~[~~*~~]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[~~X~~]~~		*	~~[~~X~~]~~	~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[~~*~~]~~	~~[~~X~~]~~	~~[~~X~~]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[~~X~~]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[~~X~~]~~	~~[~~X~~]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[~~X~~]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[~~X~~]~~	*			~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1622 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 174. NAC 445A.1792 is hereby amended to read as follows:

445A.1792 The designated beneficial uses for select bodies of water within the Carson Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Carson River, West Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1796
Bryant Creek near the state line	From the California-Nevada state line to its confluence with the East Fork of the Carson River.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1798

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Carson River, East Fork at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1802
Carson River, East Fork at U.S. Highway 395 south of Gardnerville	From the California-Nevada state line to the 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.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1804
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.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1806
Carson River at Genoa Lane	The East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	NAC 445A.1808
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.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	NAC 445A.1812
Carson River at the Mexican Ditch Gage	From U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	NAC 445A.1814
Carson River near New Empire	From the Mexican Ditch Gage to New Empire.	X	X	X	X	X	X	X	X				Smallmouth bass, rainbow trout and brown trout	NAC 445A.1816
Carson River at Dayton Bridge	From New Empire to the Dayton Bridge.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1818
Carson River at Lahontan Reservoir	From the Dayton Bridge to Lahontan Reservoir.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1822
Lahontan Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	NAC 445A.1824
Lower Carson River	From Lahontan Reservoir to the Carson Sink (the natural channel).	X	X	X	X	X	X	X	X					NAC 445A.1826

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Daggett Creek	From its origin to the Carson River.	X	X	X	X	X	X		X					NAC 445A.1828
Genoa Creek	From its origin to the first diversion box at the mouth of the canyon, near the east line of section 9, T. 13 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1832
Sierra Canyon Creek	From its origin to the first diversion structure at the mouth of the canyon, near the east line of section 4, T. 13 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1834
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.	X	X	X	X	X	X		X					NAC 445A.1836
Clear Creek at the Carson River	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, except for the length of the creek within the exterior borders of the Washoe Indian Reservation.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1838
Kings Canyon	From its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1842
Ash Canyon	From its origin to the first point of diversion of the Carson City Water Department, near the west line of section 12, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1844
V-Line Canal	From the Carson diversion dam to its division into the S and L Canals.	X	X	X	X	X	X	X	X					NAC 445A.1846
Rattlesnake Reservoir	The entire reservoir; also known as S-Line Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1848
Indian Lakes	All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.	X	X	X	X	X	X	X	X					NAC 445A.1852
Diagonal Drain	~~[Its]~~ ***The*** entire length.	X	X	X	X	X	X	X	X					NAC 445A.1854

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
South Carson Lake	The entire lake; also known as Government Pasture and the Greenhead Gun Club.	X	X	X	X	X	X	X	X					NAC 445A.1856
Harmon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					NAC 445A.1858
Stillwater Marsh east of Westside Road	East of Westside Road and north of the community of Stillwater.	X	X	X	X	X	X	X	X					NAC 445A.1862
Stillwater Marsh west of Westside Road	West of Westside Road and south of the community of Stillwater.	X	X	X		X		X	X					NAC 445A.1864

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

Sec. 175. NAC 445A.1796 is hereby amended to read as follows:

445A.1796 The limits of this table apply to the body of water known as the West Fork of the Carson River at the California-Nevada state line. This segment of the West Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River, West Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.4 - 8.4	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.016 S.V. ≤ 0.033	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.4 S.V. ≤ 0.5***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 15	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 70 S.V. ≤ 95	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 4	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 105	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 176. NAC 445A.1798 is hereby amended to read as follows:

445A.1798 The limits of this table apply to the body of water known as Bryant Creek from the California-Nevada state line to its confluence with the East Fork of the Carson River. This segment of Bryant Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Bryant Creek near the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 ΔT = 0	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 ΔT ≤ 2			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ ***	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.036 S.V. ≤ 0.05	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 1.0***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 375 S.V. ≤ 420	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 6 S.V. ≤ 7	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50 S.V. ≤ 90	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 177. NAC 445A.1802 is hereby amended to read as follows:

445A.1802 The limits of this table apply to the body of water known as the East Fork of the Carson River at the California-Nevada state line. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River, East Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.03 S.V. ≤ 0.065	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 1.1~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.5 S.V. ≤ 1.1***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 5 S.V. ≤ 8	S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 145 S.V. ≤ 185	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 3	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 40 S.V. ≤ 60	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 178. NAC 445A.1804 is hereby amended to read as follows:

445A.1804 The limits of this table apply to the body of water known as the East Fork of the Carson River from the California-Nevada state line to the 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. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River, East Fork at U.S. Highway 395 south of Gardnerville

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.4 S.V. ≤ 0.5***				*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*****								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 120 S.V. ≤ 175	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 6 S.V. ≤ 10	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 20 S.V. ≤ 85	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 179. NAC 445A.1806 is hereby amended to read as follows:

445A.1806 The limits of this table apply to the body of water known as the East Fork of the Carson River 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. This segment of the East Fork of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River, East Fork at Muller Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]									
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-May ≤ 13°C S.V. Jun ≤ 17°C S.V. Jul ≤ 21°C S.V. Aug-Oct ≤ 22°C			*	~~[X]~~							
ΔT^b - °C	ΔT = 0	ΔT ≤ 2°C											
pH - SU	S.V. 7.4 - 8.7	S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 0.8~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.5 S.V. ≤ 0.8***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 180 S.V. ≤ 205	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 8 S.V. ≤ 10	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V. ≥ 20											
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 180. NAC 445A.1808 is hereby amended to read as follows:

445A.1808 The limits of this table apply to the bodies of water known as the Carson River, including the East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane. These segments of the Carson River are located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River at Genoa Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Apr ≥ 6.0 S.V. May-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.8 S.V. ≤ 1.3***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ~~[≥]~~ ≤ 80			*								
Turbidity - NTU		S.V. ~~[≥]~~ ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 165 S.V. ≤ 220	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 8 S.V. ≤ 12	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 180	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 181. NAC 445A.1812 is hereby amended to read as follows:

445A.1812 The limits of this table apply to the body of water known as the Carson River 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. This segment of the Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River at Cradlebaugh Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.5 - 8.4	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Apr ≥ 6.0 S.V. May-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.85 S.V. ≤ 1.2~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.85 S.V. ≤ 1.2***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 180 S.V. ≤ 230	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 8 S.V. ≤ 15	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 182. NAC 445A.1814 is hereby amended to read as follows:

445A.1814 The limits of this table apply to the body of water known as the Carson River from U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage. This segment of the Carson River is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY

Carson River at the Mexican Ditch Gage

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-Apr ≥ 6.0 S.V. May-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.8 S.V. ≤ 1.3***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 285 S.V. ≤ 360	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 17 S.V. ≤ 23	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 24 S.V. ≤ 100	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 110 S.V. ≤ 295	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] Increase in color must not be more than 10 PCU above natural conditions.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 183. NAC 445A.1816 is hereby amended to read as follows:

445A.1816 The limits of this table apply to the body of water known as the Carson River from the Mexican Ditch Gage to New Empire. This segment of the Carson River is located in Carson City.

STANDARDS OF WATER QUALITY

Carson River near New Empire

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Smallmouth bass, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 18 S.V. Jun-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.4 - 8.4	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.7~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.3 S.V. ≤ 1.7***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 260 S.V. ≤ 375	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 13 S.V. ≤ 24	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 184. NAC 445A.1818 is hereby amended to read as follows:

445A.1818 The limits of this table apply to the body of water known as the Carson River from New Empire to the Dayton Bridge. This segment of the Carson River is located in Carson City and Lyon County.

STANDARDS OF WATER QUALITY

Carson River at Dayton Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.6~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.2 S.V. ≤ 1.6***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*					
Total Ammonia as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU	A-Avg. ≤ 12 S.V. ≤ 25	S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 250 S.V. ≤ 400	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 10 S.V. ≤ 18	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50 S.V. ≤ 280	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 185. NAC 445A.1822 is hereby amended to read as follows:

445A.1822 The limits of this table apply to the body of water known as the Carson River from the Dayton Bridge to Lahontan Reservoir. This segment of the Carson River is located in Lyon County.

STANDARDS OF WATER QUALITY

Carson River at Lahontan Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C		S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28			*	~~[X]~~							
ΔT[b] - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU	S.V. 7.5 - 8.5	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.1~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 1.1***				*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*****					
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU	A-Avg. ≤ 25	S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 250 S.V. ≤ 380	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 10 S.V. ≤ 18	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 100 S.V. ≤ 140	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 90 S.V. ≤ 240	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] Increase in color must not be more than 10 PCU above natural conditions.
[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 186. NAC 445A.1824 is hereby amended to read as follows:

445A.1824 The limits of this table apply to the entire body of water known as Lahontan Reservoir. Lahontan Reservoir is located in Churchill and Lyon Counties.

STANDARDS OF WATER QUALITY

Lahontan Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0[c]	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		Avg. Jun-Sept ≤ 0.09[d]			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.7~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.3 S.V. ≤ 1.7***				*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*****					
Total Ammonia (as N) - mg/L		[e]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 15 S.V. ≤ 27	S.V. ≤ 50			*			~~[X]~~					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 175 S.V. ≤ 225	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 9 S.V. ≤ 15	1-hr Avg. ≤ 860[g] 96-hr Avg. ≤ 230	~~[X]~~		*			~~[X]~~		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 35 S.V. ≤ 50	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		S.V. ≥ 20			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 25 S.V. ≤ 75	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[h]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] When reservoir is stratified, the dissolved oxygen criterion applies only to epilimnion.
[d] June-September average for a basin within the upper meter of the water column.
[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[f] Increase in color must not be more than 10 PCU above natural conditions.
[g] One-hour and 96-hour average concentration limits may be exceeded only once every 3 years.
[h] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 187. NAC 445A.1826 is hereby amended to read as follows:

445A.1826 The limits of this table apply to the body of water known as the Lower Carson River from Lahontan Reservoir to the Carson Sink (the natural channel). This segment of the Lower Carson River is located in Churchill County.

STANDARDS OF WATER QUALITY

Lower Carson River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 188. NAC 445A.1828 is hereby amended to read as follows:

445A.1828 The limits of this table apply to the body of water known as Daggett Creek from its origin to the Carson River. Daggett Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Daggett Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 189. NAC 445A.1832 is hereby amended to read as follows:

445A.1832 The limits of this table apply to the body of water known as Genoa Creek from its origin to the first diversion box at the mouth of the canyon, near the east line of section 9, T. 13 N., R. 19 E., M.D.B. & M. Genoa Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Genoa Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 190. NAC 445A.1834 is hereby amended to read as follows:

445A.1834 The limits of this table apply to the body of water known as Sierra Canyon Creek from its origin to the first diversion structure at the mouth of the canyon, near the east line of section 4, T. 13 N., R. 19 E., M.D.B. & M. Sierra Canyon Creek is located in Douglas County.

STANDARDS OF WATER QUALITY

Sierra Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 191. NAC 445A.1836 is hereby amended to read as follows:

445A.1836 The limits of this table apply to the body of water known as Clear Creek 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. This segment of Clear Creek is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY

Clear Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 192. NAC 445A.1838 is hereby amended to read as follows:

445A.1838 The limits of this table apply to the body of water known as Clear 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, except for the length of the creek within the exterior borders of the Washoe Indian Reservation. This segment of Clear Creek is located in Carson City and Douglas County.

STANDARDS OF WATER QUALITY

Clear Creek at the Carson River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 193. NAC 445A.1842 is hereby amended to read as follows:

445A.1842 The limits of this table apply to the body of water known as Kings Canyon from its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M. Kings Canyon is located in Carson City.

STANDARDS OF WATER QUALITY

Kings Canyon

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 194. NAC 445A.1844 is hereby amended to read as follows:

445A.1844 The limits of this table apply to the body of water known as Ash Canyon from its origin to the first point of diversion of the Carson City Water Department, near the west line of section 12, T. 15 N., R. 19 E., M.D.B. & M. Ash Canyon is located in Carson City.

STANDARDS OF WATER QUALITY

Ash Canyon

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 195. NAC 445A.1846 is hereby amended to read as follows:

445A.1846 The limits of this table apply to the body of water known as V-Line Canal from the Carson diversion dam to its division into the S and L Canals. V-Line Canal is located in Churchill County.

STANDARDS OF WATER QUALITY

V-Line Canal

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 196. NAC 445A.1848 is hereby amended to read as follows:

445A.1848 The limits of this table apply to the entire body of water known as Rattlesnake Reservoir, also known as S-Line Reservoir. Rattlesnake Reservoir is located in Churchill County.

STANDARDS OF WATER QUALITY

Rattlesnake Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 197. NAC 445A.1852 is hereby amended to read as follows:

445A.1852 The limits of this table apply to the body of water known as Indian Lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake. Indian Lakes is located in Churchill County.

STANDARDS OF WATER QUALITY

Indian Lakes

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 198. NAC 445A.1854 is hereby amended to read as follows:

445A.1854 The limits of this table apply to the entire body of water known as Diagonal Drain. Diagonal Drain is located in Churchill County.

STANDARDS OF WATER QUALITY

Diagonal Drain

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 199. NAC 445A.1856 is hereby amended to read as follows:

445A.1856 The limits of this table apply to the entire body of water known as South Carson Lake, also known as Government Pasture and the Greenhead Gun Club. South Carson Lake is located in Churchill County.

STANDARDS OF WATER QUALITY

South Carson Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 200. NAC 445A.1858 is hereby amended to read as follows:

445A.1858 The limits of this table apply to the entire body of water known as Harmon Reservoir. Harmon Reservoir is located in Churchill County.

STANDARDS OF WATER QUALITY

Harmon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 201. NAC 445A.1862 is hereby amended to read as follows:

445A.1862 The limits of this table apply to the body of water known as Stillwater Marsh east of Westside Road and north of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.

STANDARDS OF WATER QUALITY

Stillwater Marsh east of Westside Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 202. NAC 445A.1864 is hereby amended to read as follows:

445A.1864 The limits of this table apply to the body of water known as Stillwater Marsh west of Westside Road and south of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.

STANDARDS OF WATER QUALITY

Stillwater Marsh west of Westside Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*				~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1792 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 203. NAC 445A.1886 is hereby amended to read as follows:

445A.1886 The limits of this table apply to the body of water known as the West Fork of the Walker River at the California-Nevada state line. This segment of the West Fork of the Walker River is located in Douglas County.

STANDARDS OF WATER QUALITY

Walker River, West Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	S.V. Jul-Oct ≤ 22 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.9~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 0.9***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 60	S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU	S.V. ≤ 26	S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 165 S.V. ≤ 220	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 15 S.V. ≤ 20	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		***d***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 204. NAC 445A.1888 is hereby amended to read as follows:

445A.1888 The limits of this table apply to the body of water known as Topaz Lake at various points in Topaz Lake. Topaz Lake is located in Douglas County.

STANDARDS OF WATER QUALITY

Topaz Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ~~[d]~~ ***c*** ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.05 S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 1.0***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		~~[c]~~ ***d***			*								
Total Suspended Solids - mg/L	A-Avg. ≤ 6.0 S.V. ≤ 9.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 3.0 S.V. ≤ 5.0	~~[c]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU	S.V. ≤ 21	S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 105 S.V. ≤ 120	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 7 S.V. ≤ 10	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Toxic Materials		***e***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] ***When the lake is stratified, the dissolved oxygen criterion applies only to the epilimnion.***
[d] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
~~[[d] The dissolved oxygen standard from June to October applies only to the epilimnion.~~
~~[e] Increase in turbidity must not be more than 10 NTU above natural conditions.]~~
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 205. NAC 445A.1892 is hereby amended to read as follows:

445A.1892 The limits of this table apply to the body of water known as the West Fork of the Walker River from the California-Nevada state line to near Wellington. This segment of the West Fork of the Walker River is located in Douglas and Lyon Counties.

STANDARDS OF WATER QUALITY

Walker River, West Fork near Wellington

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.07 S.V. ≤ 0.10	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 1.0***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 175 S.V. ≤ 260	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 16 S.V. ≤ 30	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 206. NAC 445A.1894 is hereby amended to read as follows:

445A.1894 The limits of this table apply to the body of water known as the West Fork of the Walker River near Wellington to its confluence with the East Fork of the Walker River near Nordyke Road. This segment of the West Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River, West Fork at the East Fork of the Walker River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.15	A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.0 S.V. ≤ 1.2~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.0 S.V. ≤ 1.2***				*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*****								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU	S.V. ≤ 46	S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 330 S.V. ≤ 425	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 22 S.V. ≤ 28	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 74	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 207. NAC 445A.1896 is hereby amended to read as follows:

445A.1896 The limits of this table apply to the body of water known as Sweetwater Creek from the California-Nevada state line to its confluence with the East Fork of the Walker River. Sweetwater Creek is located in Lyon County.

STANDARDS OF WATER QUALITY

Sweetwater Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, brown trout, brook trout and rainbow trout.										
Temperature - °C ΔT^b - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrate A-Avg. ≤ 0.25 S.V. ≤ 0.45~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY [STANDARDS FOR] ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrate (as N) - mg/L	***A-Avg. ≤ 0.25 S.V. ≤ 0.45***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	S.V. ≤ 45	S.V. ≤ 80			*								
Turbidity - NTU		[d] ***S.V. ≤ 10***			*			[X]					
Color - PCU		S.V. ≤ 75			[X]			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 220 S.V. ≤ 300	A-Avg. ≤ 500	[X]	[X]				*					
Chloride - mg/L	A-Avg. ≤ 5 S.V. ≤ 7	S.V. ≤ 250	[X]	[X]				*		[X]			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				[X]					
Alkalinity (as $CaCO_3$) - mg/L		[< 25% change from natural conditions] ***S.V. ≥ 20***			*					[X]			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	[X]						
Toxic Materials		***d***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The [ambient] water quality criteria for ammonia are specified in NAC 445A.118.
[d] [Increase in turbidity must not be more than 10 NTU above natural conditions.] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 208. NAC 445A.1898 is hereby amended to read as follows:

445A.1898 The limits of this table apply to the body of water known as the East Fork of the Walker River at the California-Nevada state line. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River, East Fork at the state line

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr $\leq$ 13 S.V. May-Jun $\leq$ 17 S.V. Jul-Oct $\leq$ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May $\geq$ 6.0 S.V. Jun-Oct $\geq$ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. $\leq$ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. $\leq$ 0.8 S.V. $\leq$ 1.4~~	~~Nitrate S.V. $\leq$ 10 Nitrite S.V. $\leq$ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. $\leq$ 0.8 S.V. $\leq$ 1.4***				*	*							
Nitrate (as N) - mg/L		***S.V. $\leq$ 10***						*					
Nitrite (as N) - mg/L		***S.V. $\leq$ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L	S.V. $\leq$ 30	S.V. $\leq$ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. $\leq$ 10***			*			~~[X]~~					
Color - PCU		S.V. $\leq$ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. $\leq$ 175 S.V. $\leq$ 210	A-Avg. $\leq$ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. $\leq$ 5 S.V. $\leq$ 7	S.V. $\leq$ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. $\leq$ 26	S.V. $\leq$ 250						*					
Sodium - SAR	A-Avg. $\leq$ 2	A-Avg. $\leq$ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. $\geq$ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. $\leq$ 126 S.V. $\leq$ 410				*	~~[X]~~						
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 209. NAC 445A.1902 is hereby amended to read as follows:

445A.1902 The limits of this table apply to the body of water known as the East Fork of the Walker River from the California-Nevada state line to Bridge B-1475. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River, East Fork at Bridge B-1475

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.9 S.V. ≤ 1.7***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 320 S.V. ≤ 390	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 13 S.V. ≤ 19	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 210. NAC 445A.1904 is hereby amended to read as follows:

445A.1904 The limits of this table apply to the body of water known as the East Fork of the Walker River from Bridge B-1475 to its confluence with the West Fork of the Walker River near Nordyke Road. This segment of the East Fork of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River, East Fork at the West Fork of the Walker River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.16 S.V. ≤ 0.39			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.9 S.V. ≤ 1.7***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 320 S.V. ≤ 390	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 13 S.V. ≤ 19	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	S.V. ≤ 44	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 211. NAC 445A.1906 is hereby amended to read as follows:

445A.1906 The limits of this table apply to the body of water known as the Walker River from the confluence of the East Fork of the Walker River and the West Fork of the Walker River to the exterior border of the Walker River Indian Reservation. This segment of the Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River at the Walker River Indian Reservation

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish and largemouth bass.										
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 13 S.V. Apr-Jun ≤ 23[c] S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.26 S.V. ≤ 0.40			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.5~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1[d]~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.2 S.V. ≤ 1.5***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1 [d]***			*								
Total Ammonia (as N) - mg/L		[e]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[f]~~ ***S.V. ≤ 50***			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 400 S.V. ≤ 450	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 30 S.V. ≤ 35	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 95 S.V. ≤ 110	S.V. ≤ 250						*					
Sodium - SAR	S.V. ≤ 3	A-Avg. ≤ 8		*				~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		***f***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The temperature beneficial use standard is ≤ 21°C from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to Weber Reservoir.
[d] The nitrite beneficial use standard is ≤ 0.06 mg/L from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to the Weber Reservoir.
[e] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[f] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 212. NAC 445A.1908 is hereby amended to read as follows:

445A.1908 The limits of this table apply to the Walker River from the exterior border of the Walker River Indian Reservation to Walker Lake. This segment of the Walker River is located in Mineral County.

STANDARDS OF WATER QUALITY

Walker River at Walker Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Mar ≤ 13 S.V. Apr-Jun ≤ 23[c] S.V. Jul-Oct ≤ 28 $\Delta T \leq 2$			*	~~[X]~~							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.17 S.V. ≤ 0.23			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 1.2~~ ~~S.V. ≤ 1.5~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 1.0[d]~~ ~~Ammonia (un-ionized) ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.2*** ***S.V. ≤ 1.5***				***	***							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						***					
Nitrite (as N) - mg/L		***S.V. ≤ 1 [d]***						***					
Total Ammonia (as N) - mg/L		***[e]***			***								
Total Suspended Solids - mg/L	S.V. ≤ 60	S.V. ≤ 80			*								
Turbidity - NTU		~~[e]~~ ***S.V. ≤ 50 [f]***			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 390 S.V. ≤ 570	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 23 S.V. ≤ 34	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR	S.V. ≤ 3	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Toxic Materials		***[g]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The temperature beneficial use standard is ≤ 21°C from February through June when Lahontan cutthroat trout are present.

[d] The nitrite beneficial use standard is ≤ 0.06 mg/L from February through June when Lahontan cutthroat trout are present.

[e] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for ammonia are specified in NAC 445A.118.***

[f] ***The turbidity beneficial use standard is ≤ 10 NTU when Lahontan cutthroat trout are present.***

[g] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 213. NAC 445A.1914 is hereby amended to read as follows:

445A.1914 The limits of this table apply to the entire body of water known as Walker Lake. Walker Lake is located in Mineral County.

STANDARDS OF WATER QUALITY

Walker Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses					X	X	X			X			
Aquatic Life Species of Concern			Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout.										
Temperature - °C ΔT^b - °C		$\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.7			*	~~[X]~~				~~[X]~~			
Dissolved Oxygen - mg/L		S.V. $\geq 5^c$			*	~~[X]~~	~~[X]~~			~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		S.V. ≤ 0.82			*								
~~[Nitrogen Species (as N) - mg/L~~	~~Total Inorganic Nitrogen S.V. ≤ 0.3~~	~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 0.06~~			~~*~~					~~X]~~			
Total Inorganic Nitrogen (as N) - mg/L	***S.V. ≤ 0.3***				**	*							
Nitrate (as N) - mg/L		***S.V. ≤ 90***			**								
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			**								
Total Ammonia (as N) - mg/L		[d]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] When lake is stratified, the dissolved oxygen ***criterion*** applies only to the epilimnion.
[d] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 214. NAC 445A.1916 is hereby amended to read as follows:

445A.1916 The limits of this table apply to the body of water known as Desert Creek from the California-Nevada state line to its confluence with the West Fork of the Walker River. Desert Creek is located in Douglas and Lyon Counties.

STANDARDS OF WATER QUALITY

Desert Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout, brook trout and rainbow trout.										
Temperature - °C ΔT[b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.13	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrate A-Avg. ≤ 0.20 S.V. ≤ 0.27~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Nitrate (as N) - mg/L	***A-Avg. ≤ 0.20 S.V. ≤ 0.27***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 80			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 10***			*			~~[X]~~					
Color - PCU		S.V. ≤ 75			~~[X]~~			*					
Total Dissolved Solids - mg/L	A-Avg. ≤ 110 S.V. ≤ 130	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 5 S.V. ≤ 7	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 215. NAC 445A.1918 is hereby amended to read as follows:

445A.1918 The limits of this table apply to the bodies of water in the Mason Valley Wildlife Management Area known as Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area -

Bass, Crappie and North Ponds and Hinkson Slough

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 216. NAC 445A.1922 is hereby amended to read as follows:

445A.1922 The limits of this table apply to the body of water known as the Mason Valley Wildlife Management Area for all surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 217. NAC 445A.1926 is hereby amended to read as follows:

445A.1926 The limits of this table apply to the body of water known as 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. This segment of Cottonwood Creek is located in Mineral County.

STANDARDS OF WATER QUALITY

Cottonwood Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 218. NAC 445A.1928 is hereby amended to read as follows:

445A.1928 The limits of this table apply to the body of water known as 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. Squaw Creek is located in Mineral County.

STANDARDS OF WATER QUALITY

Squaw Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 219. NAC 445A.1932 is hereby amended to read as follows:

445A.1932 The limits of this table apply to the body of water known as 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. Rose Creek is located in Mineral County.

STANDARDS OF WATER QUALITY

Rose Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses[			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 220. NAC 445A.1934 is hereby amended to read as follows:

445A.1934 The limits of this table apply to the body of water known as Corey Creek from its origin to the point of diversion of the town of Hawthorne, near the west line of section 3, T. 7 N., R. 29 E., M.D.B. & M. Corey Creek is located in Mineral County.

STANDARDS OF WATER QUALITY

Corey Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1882 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 221. NAC 445A.1952 is hereby amended to read as follows:

445A.1952 The designated beneficial uses for select bodies of water within the Central Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Chiatovich Creek	Above the highway maintenance station.	X	X	X	X	X	X	X	X					NAC 445A.1956
Indian Creek	Above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M.	X	X	X	X	X	X	X	X					NAC 445A.1958
Leidy Creek	Above the hydroelectric plant.	X	X	X	X	X	X	X	X					NAC 445A.1962
Fish Lake	The entire lake.	X	X	X	X	X	X	X	X					NAC 445A.1964
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.	X	X	X	X	X	X		X					NAC 445A.1966
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1968
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1972
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1974
Twin River, South Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1976
Twin River, North Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1978
Kingston Creek at Groves Lake	From its origin to Groves Lake.	X	X	X	X	X	X		X					NAC 445A.1982
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1984
Kingston Creek below Groves Lake	Below Groves Lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1986
Birch Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1988
Birch Creek below the national forest boundary	From the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	NAC 445A.1992
Skull Creek	From its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1994
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.1996

Water Body Name	Segment Description	Beneficial Uses											Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Pine Creek (Nye County)	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.1998
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2002
Mosquito Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2004
Stoneberger Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2006
Roberts Creek at Roberts Creek Reservoir	From its origin to Roberts Creek Reservoir.	X	X	X	X	X	X		X					NAC 445A.2008
Roberts Creek below Roberts Creek Reservoir	Below Roberts Creek Reservoir.	X	X	X	X	X	X	X	X					NAC 445A.2012
Fish Springs Pond	The entire pond.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2014
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2016
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2018
Angel Lake	The entire lake.	X	X	X	X	X	X		X					NAC 445A.2022
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X					NAC 445A.2024
Goshute Creek	From its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2026
Gleason Creek at State Highway 485	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X					NAC 445A.2028
Gleason Creek at Murry Creek	From State Highway 485 (old State Highway 44) to its confluence with Murry Creek.	X	X	X		X		X	X					NAC 445A.2032
Murry Creek above Crawford Street	From its confluence with Gleason Creek to Crawford Street	X	X	X	X	X		X	X					NAC 445A.2034
Murry Creek below Crawford Street	From Crawford Street to the south line of section 35, T.17 N., R. 63 E., M.D.B. & M.	X	X	X		X		X	X					NAC 445A.2035
Comins Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2036
North Creek	From its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2038
East Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2042
Bird Creek	From its origin to the pipeline intake, near Bird Creek Campground.	X	X	X	X	X	X		X					NAC 445A.2044
Timber Creek	From its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					NAC 445A.2046
Berry Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					NAC 445A.2048

Water Body Name	Segment Description	Beneficial Uses										Aquatic Life Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Duck Creek	From its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M.	X	X	X	X	X	X		X				NAC 445A.2052
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.2054
Cave Creek	~~[Its]~~ ***The*** entire length.	X	X	X	X	X	X		X				NAC 445A.2056
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	NAC 445A.2058
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.	X	X	X	X	X	X		X				NAC 445A.2062
Ridge Creek	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.	X	X	X	X	X	X		X				NAC 445A.2064
Currant Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X				NAC 445A.2066
Currant Creek at Currant	From the national forest boundary to Currant.	X	X	X	X	X	X	X	X				NAC 445A.2068

Irrigation	Irrigation
Livestock	Watering of livestock
Contact	Recreation involving contact with the water
Noncontact	Recreation not involving contact with the water
Industrial	Industrial supply
Municipal	Municipal or domestic supply, or both
Wildlife	Propagation of wildlife
Aquatic	Propagation of aquatic life
Aesthetic	Waters of extraordinary ecological or aesthetic value
Enhance	Enhancement of water quality
Marsh	Maintenance of a freshwater marsh

Sec. 222. NAC 445A.1956 is hereby amended to read as follows:

445A.1956 The limits of this table apply to the body of water known as Chiatovich Creek above the highway maintenance station. Chiatovich Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY

Chiatovich Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	~~[X]~~							
ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.04 S.V. ≤ 0.06	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.8~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 0.6 S.V. ≤ 0.8***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L	A-Avg. ≤ 50 S.V. ≤ 60	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 2 S.V. ≤ 3	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L	A-Avg. ≤ 4 S.V. ≤ 5	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 1	A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 100 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 223. NAC 445A.1958 is hereby amended to read as follows:

445A.1958 The limits of this table apply to the body of water known as Indian Creek above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M. Indian Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY

Indian Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	S.V. ≤ 0.13	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 0.45~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Nitrate (as N) - mg/L	***S.V. ≤ 0.45***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[a]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L	A-Avg. ≤ 225 S.V. ≤ 300	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 6 S.V. ≤ 10	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 100 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***d***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 224. NAC 445A.1962 is hereby amended to read as follows:

445A.1962 The limits of this table apply to the body of water known as Leidy Creek above the hydroelectric plant. Leidy Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY

Leidy Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	~~[X]~~							
ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.013 S.V. ≤ 0.03	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate A-Avg. ≤ 0.18 S.V. ≤ 0.22~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Nitrate (as N) - mg/L	***A-Avg. ≤ 0.18 S.V. ≤ 0.22***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L	A-Avg. ≤ 135 S.V. ≤ 150	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 3 S.V. ≤ 5	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 100 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 225. NAC 445A.1964 is hereby amended to read as follows:

445A.1964 The limits of this table apply to the entire body of water known as Fish Lake.

Fish Lake is located in Esmeralda County.

STANDARDS OF WATER QUALITY

Fish Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 226. NAC 445A.1966 is hereby amended to read as follows:

445A.1966 The limits of this table apply to the body of water known as 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. Star Creek is located in Pershing County.

STANDARDS OF WATER QUALITY

Star Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 227. NAC 445A.1968 is hereby amended to read as follows:

445A.1968 The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Lander County.

STANDARDS OF WATER QUALITY

Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 228. NAC 445A.1972 is hereby amended to read as follows:

445A.1972 The limits of this table apply to the body of water known as Peavine Creek from its origin to the first point of diversion, near the national forest boundary. Peavine Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Peavine Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 229. NAC 445A.1974 is hereby amended to read as follows:

445A.1974 The limits of this table apply to the body of water known as Jett Creek from its origin to the national forest boundary. Jett Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Jett Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 230. NAC 445A.1976 is hereby amended to read as follows:

445A.1976 The limits of this table apply to the body of water known as the South Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The South Fork of Twin River is located in Nye County.

STANDARDS OF WATER QUALITY

Twin River, South Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 231. NAC 445A.1978 is hereby amended to read as follows:

445A.1978 The limits of this table apply to the body of water known as the North Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The North Fork of Twin River is located in Nye County.

STANDARDS OF WATER QUALITY

Twin River, North Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 232. NAC 445A.1982 is hereby amended to read as follows:

445A.1982 The limits of this table apply to the body of water known as Kingston Creek from its origin to Groves Lake. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Kingston Creek at Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 233. NAC 445A.1984 is hereby amended to read as follows:

445A.1984 The limits of this table apply to the entire body of water known as Groves Lake. Groves Lake is located in Lander County.

STANDARDS OF WATER QUALITY

Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 234. NAC 445A.1986 is hereby amended to read as follows:

445A.1986 The limits of this table apply to the body of water known as Kingston Creek below Groves Lake. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Kingston Creek below Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 235. NAC 445A.1988 is hereby amended to read as follows:

445A.1988 The limits of this table apply to the body of water known as Birch Creek from its origin to the national forest boundary. This segment of Birch Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Birch Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 236. NAC 445A.1992 is hereby amended to read as follows:

445A.1992 The limits of this table apply to the body of water known as Birch Creek from the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M. This segment of Birch Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Birch Creek below the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 237. NAC 445A.1994 is hereby amended to read as follows:

445A.1994 The limits of this table apply to the body of water known as Skull Creek from its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M. Skull Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Skull Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 238. NAC 445A.1996 is hereby amended to read as follows:

445A.1996 The limits of this table apply to the body of water known as Steiner Creek from its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M. Steiner Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Steiner Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 239. NAC 445A.1998 is hereby amended to read as follows:

445A.1998 The limits of this table apply to the body of water known as Pine Creek (Nye County) from its origin to the national forest boundary. Pine Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Pine Creek (Nye County)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 240. NAC 445A.2002 is hereby amended to read as follows:

445A.2002 The limits of this table apply to the body of water known as Barley Creek from its origin to the first point of diversion, near the national forest boundary. Barley Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Barley Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 241. NAC 445A.2004 is hereby amended to read as follows:

445A.2004 The limits of this table apply to the body of water known as Mosquito Creek from its origin to the national forest boundary. Mosquito Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Mosquito Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 242. NAC 445A.2006 is hereby amended to read as follows:

445A.2006 The limits of this table apply to the body of water known as Stoneberger Creek from its origin to the national forest boundary. Stoneberger Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Stoneberger Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 243. NAC 445A.2008 is hereby amended to read as follows:

445A.2008 The limits of this table apply to the body of water known as Roberts Creek from its origin to Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Roberts Creek at Roberts Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 244. NAC 445A.2012 is hereby amended to read as follows:

445A.2012 The limits of this table apply to the body of water known as Roberts Creek below Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Roberts Creek below Roberts Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 245. NAC 445A.2014 is hereby amended to read as follows:

445A.2014 The limits of this table apply to the entire body of water known as Fish Springs Pond. Fish Springs Pond is located in Eureka County.

STANDARDS OF WATER QUALITY

Fish Springs Pond

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 246. NAC 445A.2016 is hereby amended to read as follows:

445A.2016 The limits of this table apply to the entire body of water known as Illipah Reservoir. Illipah Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY

Illipah Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 247. NAC 445A.2018 is hereby amended to read as follows:

445A.2018 The limits of this table apply to the entire area known as Ruby Marsh. Ruby Marsh is located in Elko and White Pine Counties.

STANDARDS OF WATER QUALITY

Ruby Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 248. NAC 445A.2022 is hereby amended to read as follows:

445A.2022 The limits of this table apply to the entire body of water known as Angel Lake. Angel Lake is located in Elko County.

STANDARDS OF WATER QUALITY

Angel Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.025			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 249. NAC 445A.2024 is hereby amended to read as follows:

445A.2024 The limits of this table apply to the body of water known as Pole Canyon Creek from its origin to where it becomes Franklin River. Pole Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Pole Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 250. NAC 445A.2026 is hereby amended to read as follows:

445A.2026 The limits of this table apply to the body of water known as Goshute Creek from its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M. Goshute Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Goshute Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 251. NAC 445A.2028 is hereby amended to read as follows:

445A.2028 The limits of this table apply to the body of water known as Gleason Creek from its origin to State Highway 485 (old State Highway 44). This segment of Gleason Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Gleason Creek at State Highway 485

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 252. NAC 445A.2032 is hereby amended to read as follows:

445A.2032 The limits of this table apply to the body of water known as Gleason Creek from State Highway 485 (old State Highway 44) to its confluence with Murry Creek. This segment of Gleason Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Gleason Creek at Murry Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[X]~~	~~[X]~~	*				~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 253. NAC 445A.2034 is hereby amended to read as follows:

445A.2034 The limits of this table apply to the body of water known as Murry Creek from its confluence with Gleason Creek to Crawford Street. This segment of Murry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Murry Creek above Crawford Street

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*	~~[~~X~~]~~			~~[~~X~~]~~	~~[~~*~~]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 3.0	~~[~~X~~]~~		*	~~[~~X~~]~~	~~[~~X~~]~~			~~[~~X~~]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. 576				*	~~[~~X~~]~~						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ~~[~~ambient~~]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 254. NAC 445A.2035 is hereby amended to read as follows:

445A.2035 The limits of this table apply to the body of water known as Murry Creek from Crawford Street to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M. This segment of Murry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Murry Creek below Crawford Street

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V.6.0 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*				~~[~~X~~]~~	~~[~~*~~]~~			
Dissolved Oxygen - mg/L		S.V.≥ 3.0	~~[~~X~~]~~		*		~~[~~X~~]~~			~~[~~X~~]~~			
Total Ammonia (as N) - mg/L		[b]			*								
E. coli - No./100 mL		A.G.M.≤ 630					*						
Toxic Materials		[c]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] The ~~[~~ambient~~]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 255. NAC 445A.2036 is hereby amended to read as follows:

445A.2036 The limits of this table apply to the entire body of water known as Comins Reservoir. Comins Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY

Comins Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 256. NAC 445A.2038 is hereby amended to read as follows:

445A.2038 The limits of this table apply to the body of water known as North Creek from its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M. North Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

North Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 257. NAC 445A.2042 is hereby amended to read as follows:

445A.2042 The limits of this table apply to the body of water known as East Creek from its origin to the pipeline intake, near the national forest boundary. East Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

East Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[~~X~~]~~							
pH - SU		S.V. 6.5 - 9.0	~~[~~X~~]~~	~~[~~X~~]~~	*	~~[~~*~~]~~		~~[~~X~~]~~		~~[~~*~~]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[~~X~~]~~		*	~~[~~X~~]~~	~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[~~X~~]~~	~~[~~X~~]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[~~X~~]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[~~X~~]~~	~~[~~X~~]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[~~X~~]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[~~X~~]~~	*			~~[~~X~~]~~	~~[~~X~~]~~		~~[~~X~~]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 258. NAC 445A.2044 is hereby amended to read as follows:

445A.2044 The limits of this table apply to the body of water known as Bird Creek from its origin to the pipeline intake, near Bird Creek Campground. Bird Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Bird Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[~~X~~]~~							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 259. NAC 445A.2046 is hereby amended to read as follows:

445A.2046 The limits of this table apply to the body of water known as Timber Creek from its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M. Timber Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Timber Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 260. NAC 445A.2048 is hereby amended to read as follows:

445A.2048 The limits of this table apply to the body of water known as Berry Creek from its origin to the pipeline intake, near the national forest boundary. Berry Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Berry Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~for the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 261. NAC 445A.2052 is hereby amended to read as follows:

445A.2052 The limits of this table apply to the body of water known as Duck Creek from its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M. Duck Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Duck Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 262. NAC 445A.2054 is hereby amended to read as follows:

445A.2054 The limits of this table apply to the body of water known as Cleve Creek from its origin to the national forest boundary. Cleve Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Cleve Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 263. NAC 445A.2056 is hereby amended to read as follows:

445A.2056 The limits of this table apply to the entire body of water known as Cave Creek. Cave Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Cave Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 264. NAC 445A.2058 is hereby amended to read as follows:

445A.2058 The limits of this table apply to the entire body of water known as Cave Lake. Cave Lake is located in White Pine County.

STANDARDS OF WATER QUALITY

Cave Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 265. NAC 445A.2062 is hereby amended to read as follows:

445A.2062 The limits of this table apply to the body of water known as 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. Pine Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Pine Creek (White Pine County)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 266. NAC 445A.2064 is hereby amended to read as follows:

445A.2064 The limits of this table apply to the body of water known as Ridge Creek 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. Ridge Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Ridge Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 267. NAC 445A.2066 is hereby amended to read as follows:

445A.2066 The limits of this table apply to the body of water known as Currant Creek from its origin to the national forest boundary. This segment of Currant Creek is located in Nye and White Pine Counties.

STANDARDS OF WATER QUALITY

Currant Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 268. NAC 445A.2068 is hereby amended to read as follows:

445A.2068 The limits of this table apply to the body of water known as Currant Creek from the national forest boundary to Currant. This segment of Currant Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Currant Creek at Currant

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*				~~[X]~~				
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.1952 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 269. NAC 445A.2096 is hereby amended to read as follows:

445A.2096 The limits of this table apply to the body of water known as Snake Creek above the fish hatchery. This segment of Snake Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Snake Creek above the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 Δ pH ± 0.5	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.05 S.V. ≤ 0.08	A-Avg. ≤ 0.1			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate A-Avg. ≤ 0.22 S.V. ≤ 0.44~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Nitrate (as N) - mg/L	***A-Avg. ≤ 0.22 S.V. ≤ 0.44***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L	A-Avg. ≤ 100 S.V. ≤ 125	A-Avg. ≤ 500	~~[X]~~	~~[X]~~				*					
Chloride - mg/L	A-Avg. ≤ 10 S.V. ≤ 20	S.V. ≤ 250	~~[X]~~	~~[X]~~				*		~~[X]~~			
Sulfate - mg/L		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				~~[X]~~					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL	A.G.M. ≤ 100 S.V. ≤ 200	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 270. NAC 445A.2098 is hereby amended to read as follows:

445A.2098 The limits of this table apply to the body of water known as Snake Creek below the fish hatchery to the Nevada-Utah state line. This segment of Snake Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Snake Creek below the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 271. NAC 445A.2102 is hereby amended to read as follows:

445A.2102 The limits of this table apply to the body of water known as Baker Creek from its origin to the national forest boundary. Baker Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Baker Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 272. NAC 445A.2104 is hereby amended to read as follows:

445A.2104 The limits of this table apply to the body of water known as Lehman Creek from its origin to the national forest boundary. Lehman Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Lehman Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 273. NAC 445A.2106 is hereby amended to read as follows:

445A.2106 The limits of this table apply to the body of water known as Silver Creek from its origin to the national forest boundary. Silver Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Silver Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 274. NAC 445A.2108 is hereby amended to read as follows:

445A.2108 The limits of this table apply to the entire body of water known as Silver Creek Reservoir. Silver Creek Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY

Silver Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 275. NAC 445A.2112 is hereby amended to read as follows:

445A.2112 The limits of this table apply to the body of water known as Hendrys Creek from its origin to the national forest boundary. Hendrys Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Hendrys Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2092 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 276. NAC 445A.2146 is hereby amended to read as follows:

445A.2146 The limits of this table apply to the body of water known as the Colorado River from the Lake Mohave Inlet to the California-Nevada state line below Davis Dam, except for the length of the river within the exterior borders of the Fort Mojave Indian Reservation. This segment of the Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY

Colorado River below Davis Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.02 S.V. ≤ 0.03	A-Avg. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate A-Avg. ≤ 1.1 S.V. ≤ 1.6~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Nitrate (as N) - mg/L	***A-Avg. ≤ 1.1 S.V. ≤ 1.6***	***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L		~~[c]~~ [d]	~~[X]~~	~~[X]~~				*					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50 S.V. ≤ 100	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e] ***e***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.~~

[e] ~~]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 277. NAC 445A.2148 is hereby amended to read as follows:

445A.2148 The limits of this table apply to the body of water known as the Colorado River from Hoover Dam to the Lake Mohave Inlet. This segment of the Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY

Colorado River below Hoover Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.02 S.V. ≤ 0.033	A-Avg. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 1.0~~ ~~S.V. ≤ 1.5~~	~~Nitrate S.V. ≤ 10~~ ~~Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.0*** ***S.V. ≤ 1.5***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L		~~[c]~~ [d]	~~[X]~~	~~[X]~~				*					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 50 S.V. ≤ 100	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in color must not be more than 10 PCU above natural conditions.~~
[e] ~~]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[c] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 278. NAC 445A.2152 is hereby amended to read as follows:

445A.2152 The limits of this table apply to the body of water known as Lake Mead, excluding the area covered by NAC 445A.2154, Inner Las Vegas Bay. Lake Mead is located in Clark County.

STANDARDS OF WATER QUALITY

Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature ΔT[b] - °C	ΔT = 0	ΔT ≤ 2			*								
pH - SU	95% of S.V. samples ≤ 8.8	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[X]~~		~~[X]~~	~~[X]~~	~~[X]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0 in the epilimnion or average in water column during periods of nonstratification	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
~~[Nitrogen Species (as N) - mg/L~~	~~Total Inorganic Nitrogen 95% of S.V. samples ≤ 4.5~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1~~	~~X~~		~~*~~			~~*~~		~~X]~~			
Total Inorganic Nitrogen (as N) - mg/L	***95% of S.V. samples ≤ 4.5***				*****	*****							
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*****					
Nitrite (as N) - mg/L		***S.V. ≤ 1***						*****					
Total Ammonia (as N) - mg/L		~~[d]~~ ***c***			*								
Chlorophyll *a* - µg/L	~~[c]~~ ***d***				*	*	~~[X]~~	~~[X]~~					
Total Suspended Solids - mg/L		S.V. ≤ 25			*		~~[X]~~						
Turbidity - NTU	[e]	S.V. ≤ 25			*	~~[X]~~	~~[X]~~	~~[X]~~					
Color - PCU	[f]						~~[*]~~	~~[X]~~ *****					
Total Dissolved Solids - mg/L	Flow Weighted A-Avg. Concentration ≤ 723 measured below Hoover Dam[g]	S.V. ≤ 1000		~~[X]~~				*					
Chloride - mg/L	[h]	S.V. ≤ 400[h]	~~[X]~~					*		~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/L	[n]	S.V. ≤ 500[n]						*					
E. coli - MF/100 mL		30-day log mean ≤ 126 S.V. ≤ 235	~~[X]~~	~~[X]~~		*	~~[X]~~	~~[X]~~					
Fecal Coliform - MF or MPN/100 mL		≤ 200/400[i]	~~[X]~~	~~[X]~~		*	~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[j]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
[c] ***The water quality criteria for ammonia are specified in NAC 445A.118.***
[d] The requirements for chlorophyll *a* are:
[1] Not more than 1 monthly mean in a calendar year at Station LWLVB 1.85 may exceed 45µg/L. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
[2] The mean for chlorophyll *a* in summer (July 1-September 30) must not exceed 40 µg/L at Station LWLVB 1.85, and the mean for 4 consecutive summer years must not exceed 30 µg/L. The sample must be collected from the center of the channel and must be representative of the top 5 meters of the channel. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
[3] The mean for chlorophyll *a* in the growing season (April 1-September 30) must not exceed 16 µg/L at Station LWLVB 2.7 and 9 µg/L at Station LWLVB 3.5. Station LWLVB 2.7 is located at a distance of 2.7 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead. Station LWLVB 3.5 is located at a distance of 3.5 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.
[4] The mean for chlorophyll *a* in the growing season (April 1-September 30) must not exceed 5 µg/L in the open water of Boulder Basin, Virgin Basin, Gregg Basin and Pierce Basin. The single value must not exceed 10 µg/L for more than 5 percent of the samples.
[5] Not less than two samples per month must be collected between the months of March and October. During the months when only one sample is available, that value must be used in place of the monthly mean.
~~[[d] The ambient water quality criteria for ammonia are specified in NAC 445A.118.]~~
[e] Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.
[f] Color must not exceed that characteristic of natural conditions by more than 10 PCU.
[g] The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[h] The combination of this constituent with other constituents comprising TDS must not result in the violation of the TDS standards for Lake Mead and the Colorado River.
[i] Based on a minimum of not less than five samples taken over a 30-day period, the fecal coliform bacterial level must not exceed a log mean of 200 per 100 milliliters, nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.
[j] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***
➥ The Commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.

Sec. 279. NAC 445A.2154 is hereby amended to read as follows:

445A.2154 The limits of this table apply to the body of water known as Inner Las Vegas Bay, consisting of Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay. Inner Las Vegas Bay is located in Clark County.

STANDARDS OF WATER QUALITY

Inner Las Vegas Bay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$			*								
pH - SU	95% of S.V. samples ≤ 8.9	S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*				~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
~~[Nitrogen Species (as N) - mg/L~~	~~Total Inorganic Nitrogen 95% of S.V. samples ≤ 5.3~~	~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5~~	~~X~~		~~*~~					~~X]~~			
Total Inorganic Nitrogen (as N) - mg/L	***95% of S.V. samples ≤ 5.3***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*		~~[X]~~						
Turbidity - NTU	[d]	S.V. ≤ 25			*		~~[X]~~						
Total Dissolved Solids - mg/L	[e]	S.V. ≤ 3000	*	~~[X]~~									
Fecal Coliform MF or MPN/100 mL		≤ 200/400[f]	~~[X]~~	~~[X]~~		*	~~[X]~~			~~[X]~~			
Toxic Materials		***[g]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

[c] The requirement for water quality with regard to the concentration of total ammonia is provided pursuant to the provisions of NAC 445A.118. Data must be collected at Station LWLVB 1.2. Station LWLVB 1.2 is located at the center of the channel at a distance of 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

[d] Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.

[e] The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[f] Any discharge from a point source into Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

[g] The water quality criteria for toxic materials are specified in NAC 445A.1236.

➥ The Commission recognizes that, because of discharges of tributaries, localized violations of standards may occur in the Inner Las Vegas Bay.

Sec. 280. NAC 445A.2156 is hereby amended to read as follows:

445A.2156 The limits of this table apply to the body of water known as the Las Vegas Wash from the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. This segment encompasses the discharge from the City of Henderson wastewater treatment plant. This segment of the Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY ~~[A]~~ *†*

Las Vegas Wash at Telephone Line Road

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature ΔT^b - °C	$\Delta T = 0$				*								
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*					~~[*]~~			
Dissolved Oxygen - mg/L		[c]	~~[X]~~		*		~~[X]~~			~~[X]~~			
~~[Nitrogen Species (as N) - mg/L~~	~~Total Inorganic Nitrogen 95% of S.V. Samples ≤ 20~~	~~Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10~~	~~*~~							~~X]~~			
Total Inorganic Nitrogen (as N) - mg/L	***95% of S.V. samples ≤ 20***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 100***	*										
Nitrite (as N) - mg/L		***S.V. ≤ 10***	*										
Total Suspended Solids - mg/L		S.V. ≤ 135[d]			*								
Total Dissolved Solids - mg/L	95% of S.V. samples ≤ 1900	S.V. ≤ 3000	*	~~[X]~~									~~[X]~~
Fecal Coliform MF or MPN/100 mL		[e]	~~[X]~~	~~[X]~~			*			~~[X]~~			
Toxic Materials		*f*											

* = The most restrictive beneficial use.
X = Beneficial use.

~~[A]~~ *†* The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone except during storm flow conditions.

[c] Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the Las Vegas Wash, aerobic conditions are established as a goal rather than a standard and the goal is not intended to preclude development of a limited fishery in selected areas. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.

[d] ~~[Suspended]~~ ***The total suspended*** solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.

[e] Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

f ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 281. NAC 445A.2158 is hereby amended to read as follows:

445A.2158 The limits of this table apply to the body of water known as the Las Vegas Wash from Telephone Line Road to its confluence with Lake Mead. This segment of the Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY ~~[A]~~ *†*

Las Vegas Wash at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature ΔT^b - °C	$\Delta T = 0$				*								
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*					~~[*]~~			
Dissolved Oxygen - mg/L		[c]	~~[X]~~		*		~~[X]~~			~~[X]~~			
~~[Nitrogen Species (as N) - mg/L~~	~~Total Inorganic Nitrogen 95% of S.V. samples ≤ 17~~	~~Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10~~	~~*~~							~~X]~~			
Total Inorganic Nitrogen (as N) - mg/L	***95% of S.V. samples ≤ 17***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 100***	*										
Nitrite (as N) - mg/L		***S.V. ≤ 10***	*										
Total Suspended Solids - mg/L		S.V. ≤ 135[d]			*								
Total Dissolved Solids - mg/L	95% of S.V. samples ≤ 2400	S.V. ≤ 3000	*	~~[X]~~									~~[X]~~
Fecal Coliform - MF or MPN/100 mL		[e]	~~[X]~~	~~[X]~~			*			~~[X]~~			
Toxic Materials		*f*											

* = The most restrictive beneficial use.
X = Beneficial use.

~~[A]~~ *†* The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

[c] Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the Las Vegas Wash, aerobic conditions are established as a goal rather than a standard and the goal is not intended to preclude development of a limited fishery in selected areas. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.

[d] ~~[Suspended]~~ ***The total suspended*** solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.

[e] Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

f ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 282. NAC 445A.2162 is hereby amended to read as follows:

445A.2162 The limits of this table apply to the body of water known as the Virgin River at the Arizona-Nevada state line, near Littlefield, Arizona. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY

Virgin River at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*		~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.06 S.V. ≤ 0.1	A-Avg. ≤ 0.1			*		~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 2.4~~ ~~S.V. ≤ 3.2~~	~~Nitrate S.V. ≤ 90~~ ~~Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~		~~X~~			~~X]~~			
Total Nitrogen (as N) - mg/L	***S.V. ≤ 2.4*** ***A-Avg. ≤ 3.2***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color - PCU~~		~~e~~			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ *d*	~~[X]~~	*									
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 mL	A.G.M. ≤ 450 S.V. ≤ 1800	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~			~~[X]~~			
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

~~[d] Increase in turbidity must not be more than 10 NTU above natural conditions.~~

~~[e] Increase in color must not be more than 10 PCU above natural conditions.~~

~~[f]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 283. NAC 445A.2164 is hereby amended to read as follows:

445A.2164 The limits of this table apply to the body of water known as the Virgin River from the Arizona-Nevada state line to Mesquite. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY

Virgin River at Mesquite

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*		~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*		~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.6~~	~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~		~~X~~			~~X]~~			
Total Nitrogen (as N) - mg/L	***S.V. ≤ 0.9 A-Avg. ≤ 1.6***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color - PCU~~		~~[e]~~			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ [d]	~~[X]~~	*									
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 mL	A.G.M. ≤ 300 S.V. ≤ 550	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~			~~[X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~
[e] ~~Increase in color must not be more than 10 PCU above natural conditions.~~
~~[f]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 284. NAC 445A.2166 is hereby amended to read as follows:

445A.2166 The limits of this table apply to the body of water known as the Virgin River from Mesquite to the river mouth at Lake Mead. This segment of the Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY

Virgin River at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*		~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*		~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen~~ ~~A-Avg. ≤ 2.9~~ ~~S.V. ≤ 6.1~~	~~Nitrate S.V. ≤ 90~~ ~~Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~		~~X~~			~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 2.9*** ***S.V. ≤ 6.1***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color - PCU~~		[e]			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ *d*	~~[X]~~	*									
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 mL	A.G.M. ≤ 625 S.V. ≤ 1250	S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~			~~[X]~~			
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~
[e] ~~Increase in color must not be more than 10 PCU above natural conditions.~~
~~[f]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.
e ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 285. NAC 445A.2168 is hereby amended to read as follows:

445A.2168 The limits of this table apply to the body of water known as the Muddy River from the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY

Muddy River at the Glendale Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature °C - Source Springs to Warm Springs Bridge Warm Springs Bridge to Glendale Bridge ΔT[b]	 $\Delta T = 0°C$	 19≤T≤32 15≤T≤30 $\Delta T \leq 2°C$			*								
pH ~~[Units]~~ - ***SU***		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	~~[X]~~	~~[X]~~	*	~~[X]~~	~~[X]~~	~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		A-Avg. ≤ 0.1			*	~~[X]~~ *	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.4~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0~~	~~X~~		~~X~~	~~X~~	~~X~~	~~*~~		~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.3 S.V. ≤ 1.4***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 10***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 1.0***						*					
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[c]~~ ***S.V. ≤ 50***			*			~~[X]~~					
Color - PCU		S.V. ≤75			~~[X]~~			*					
Total Dissolved Solids - mg/L		~~[c]~~ [d]	~~[X]~~	~~[X]~~				*					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[*]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Fluoride (as total recoverable) - mg/L		S.V. ≤ 2.6	~~[X]~~	*									
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~

~~[e]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 286. NAC 445A.2172 is hereby amended to read as follows:

445A.2172 The limits of this table apply to the body of water known as the Muddy River from the Glendale Bridge to the Wells Siding Diversion. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY

Muddy River at the Wells Siding Diversion

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
Temperature °C - ΔT[b]	$\Delta T = 0°C$	$15 \leq T \leq 30$ $\Delta T \leq 2°C$			*								
pH ~~[Units]~~ ***- SU***		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$ Max.	~~[X]~~	~~[X]~~	*	~~[X]~~	~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Phosphorus (as P) - mg/L		A-Avg. ≤ 0.3			*	~~[X]~~ *	~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~		~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~	~~X~~	~~X~~			~~X]~~			
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color – PCU~~		~~[e]~~			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ *d*	~~[X]~~	*									
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. $\leq 1,000$	~~[X]~~	*			~~[X]~~			~~[X]~~			
Fluoride (as total recoverable) – mg/L		S.V. ≤ 2.6	~~[X]~~	*									
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~

[e] ~~Increase in color must not be more than 10 PCU above natural conditions.~~

[f] ~~]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 287. NAC 445A.2174 is hereby amended to read as follows:

445A.2174 The limits of this table apply to the body of water known as the Muddy River from the Wells Siding Diversion to the river mouth at Lake Mead. This segment of the Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY

Muddy River at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
Temperature °C - ΔT[b]	$\Delta T = 0°C$[b]	$T \leq 32$ $\Delta T \leq 2°C$			*								
pH ~~[Units]~~ ***- SU***		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$ Max.	~~[X]~~	~~[X]~~	*	~~[X]~~	~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~			~~[X]~~			
Total Phosphorus (as P) - mg/L		A-Avg. ≤ 0.3			*	~~[X]~~ *	~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.8~~	~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~	~~X~~	~~X~~			~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 1.3 S.V. ≤ 1.8***				*	*							
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color - PCU~~		~~e~~			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ *d*	~~[X]~~	*									
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[*]~~						
Fecal Coliform - No./100 mL	A.G.M. ≤ 500 S.V. ≤ 1300	S.V. $\leq 1,000$	~~[X]~~	*			~~[X]~~			~~[X]~~			
Boron (as total recoverable) - mg/L		S.V. ≤ 2.0		*						~~[X]~~			
Fluoride (as total recoverable) - mg/L		S.V. ≤ 3.6	~~[X]~~	*									
Toxic Materials		*e*											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~
~~e Increase in color must not be more than 10 PCU above natural conditions.~~
~~f]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 288. NAC 445A.2176 is hereby amended to read as follows:

445A.2176 The limits of this table apply to the body of water known as the Meadow Valley Wash from the bridge above Rox to the Muddy River. The Meadow Valley Wash is located in Clark and Lincoln Counties.

STANDARDS OF WATER QUALITY

Meadow Valley Wash

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C	$\Delta T = 0$	S.V. Nov-Jun ≤ 21 S.V. Jul-Oct ≤ 32 $\Delta T \leq 2$			*								
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	*		~~[X]~~		~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*		~~[X]~~			~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L		A-Avg. ≤ 0.1			*		~~[X]~~						
~~[Nitrogen Species (as N) - mg/L~~	~~Total Nitrogen A-Avg. ≤ 2.0 S.V. ≤ 3.3~~	~~Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5.0~~	~~X~~		~~*~~		~~X~~			~~X]~~			
Total Nitrogen (as N) - mg/L	***A-Avg. ≤ 2.0 S.V. ≤ 3.3***				*								
Nitrate (as N) - mg/L		***S.V. ≤ 90***			*								
Nitrite (as N) - mg/L		***S.V. ≤ 5.0***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Turbidity - NTU		~~[d]~~ ***S.V. ≤ 50***			*								
~~[Color - PCU~~		~~e~~			~~*]~~								
Total Dissolved Solids - mg/L		~~[f]~~ ***d***	~~[X]~~	*									

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 630					*						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~			~~[X]~~			
Toxic Materials		[e]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~
[e] ~~Increase in color must not be more than 10 PCU above natural conditions.~~
[f] The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 289. NAC 445A.2178 is hereby amended to read as follows:

445A.2178 The limits of this table apply to the body of water known as the Beaver Dam Wash above Schroeder Reservoir. The Beaver Dam Wash is located in Lincoln County.

STANDARDS OF WATER QUALITY

Beaver Dam Wash

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	~~[X]~~							
ΔT^b - °C	$\Delta T = 0$	$\Delta T \leq 2$											
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	~~[X]~~	~~[X]~~	~~[X]~~ *	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total ~~[Phosphates]~~ ***Phosphorus*** (as P) - mg/L	A-Avg. ≤ 0.01 S.V. ≤ 0.013	A-Avg. ≤ 0.05			*	*	~~[X]~~	~~[X]~~					
~~[Nitrogen Species (as N) - mg/L~~	~~Nitrate S.V. ≤ 0.22~~	~~Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06~~	~~X~~		~~*~~	~~X~~	~~X~~	~~*~~		~~X]~~			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrate (as N) - mg/L	***S.V. ≤ 0.22***	***S.V. ≤ 10.0***						*					
Nitrite (as N) - mg/L		***S.V. ≤ 0.06***			*								
Total Ammonia (as N) - mg/L		[c]			*								
Total Suspended Solids - mg/L		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			~~[X]~~					
Color - PCU		~~[d]~~ ***S.V. ≤ 75***			~~[*]~~			~~[X]~~ *					
Total Dissolved Solids - mg/L		~~[e]~~ ***d***	~~[X]~~	~~[X]~~				*					
Alkalinity (as $CaCO_3$) - mg/L		~~[< 25% change from natural conditions]~~ ***S.V. ≥ 20***			*					~~[X]~~			
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[*]~~	~~[X]~~					
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***e***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ~~[Increase in turbidity must not be more than 10 NTU above natural conditions.~~
[e] ~~Increase in color must not be more than 10 PCU above natural conditions.~~
[f] ~~]~~ The salinity standards for the Colorado River system are specified in NAC 445A.1233.
[e] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 290. NAC 445A.2182 is hereby amended to read as follows:

445A.2182 The limits of this table apply to the entire body of water known as Schroeder Reservoir. Schroeder Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY

Schroeder Reservoir

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Uses[a]

	TO MAINTAIN EXISTING HIGHER QUALITY	~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 291. NAC 445A.2184 is hereby amended to read as follows:

445A.2184 The limits of this table apply to the body of water known as the White River from its origin to the national forest boundary. This segment of the White River is located in White Pine County.

STANDARDS OF WATER QUALITY

White River at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[~~STANDARDS FOR~~]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~		~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~for the 95th percentile (whichever is less).~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 292. NAC 445A.2186 is hereby amended to read as follows:

445A.2186 The limits of this table apply to the body of water known as the White River from the national forest boundary to its confluence with Ellison Creek. This segment of the White River is located in White Pine County.

STANDARDS OF WATER QUALITY

White River at Ellison Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 293. NAC 445A.2188 is hereby amended to read as follows:

445A.2188 The limits of this table apply to the entire body of water known as Dacey Reservoir. Dacey Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY

Dacey Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 294. NAC 445A.2192 is hereby amended to read as follows:

445A.2192 The limits of this table apply to Sunnyside Creek from its origin to Adams McGill Reservoir. Sunnyside Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Sunnyside Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 295. NAC 445A.2194 is hereby amended to read as follows:

445A.2194 The limits of this table apply to the entire body of water known as Adams McGill Reservoir. Adams McGill Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY

Adams McGill Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 24 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 296. NAC 445A.2196 is hereby amended to read as follows:

445A.2196 The limits of this table apply to the entire body of water known as Hay Meadow Reservoir. Hay Meadow Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY

Hay Meadow Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 297. NAC 445A.2198 is hereby amended to read as follows:

445A.2198 The limits of this table apply to the entire body of water known as Nesbitt Lake. Nesbitt Lake is located in Lincoln County.

STANDARDS OF WATER QUALITY

Nesbitt Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 34 ΔT ≤ 3			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 576				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 298. NAC 445A.2202 is hereby amended to read as follows:

445A.2202 The limits of this table apply to the entire body of water known as Pahranagat Reservoir. Pahranagat Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY

Pahranagat Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 299. NAC 445A.2204 is hereby amended to read as follows:

445A.2204 The limits of this table apply to the entire body of water known as Bowman Reservoir. Bowman Reservoir is located in Clark County.

STANDARDS OF WATER QUALITY

Bowman Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b]		T ≤ 34 $\Delta T \leq 3°C$			*								
pH ~~[Units]~~ - ***SU***		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~	~~[X]~~	~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 5.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[X]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		[d]	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 298				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Fluoride (as total recoverable) – mg/L		S.V. ≤ 2.6	~~[X]~~	*									
Toxic Materials		***[e]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The salinity standards for the Colorado River system are specified in NAC 445A.1233.

[e] The water quality criteria for toxic materials are specified in NAC 445A.1236.

Sec. 300. NAC 445A.2206 is hereby amended to read as follows:

445A.2206 The limits of this table apply to the body of water known as Eagle Valley Creek from its headwaters to Eagle Valley Reservoir. Eagle Valley Creek is located in Lincoln County.

STANDARDS OF WATER QUALITY

Eagle Valley Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 301. NAC 445A.2208 is hereby amended to read as follows:

445A.2208 The limits of this table apply to the entire body of water known as Eagle Valley Reservoir. Eagle Valley Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY

Eagle Valley Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 302. NAC 445A.2212 is hereby amended to read as follows:

445A.2212 The limits of this table apply to the entire body of water known as Echo Canyon Reservoir. Echo Canyon Reservoir is located in Lincoln County.

STANDARDS OF WATER QUALITY

Echo Canyon Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T \leq 3$			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.33			*	~~[*]~~	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less).]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 235				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		[d]											

* = The most restrictive beneficial use.
X = Beneficial use.
[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.
[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.
[d] ***The water quality criteria for toxic materials are specified in NAC 445A.1236.***

Sec. 303. NAC 445A.2214 is hereby amended to read as follows:

445A.2214 The limits of this table apply to the body of water known as Clover Creek from its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M. Clover Creek is located in Lincoln County.

STANDARDS OF WATER QUALITY

Clover Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY ~~[STANDARDS FOR]~~ ***CRITERIA TO PROTECT*** BENEFICIAL USES	Beneficial Uses[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT^b - °C		S.V. ≤ 20 ΔT = 0			*	~~[X]~~							
pH - SU		S.V. 6.5 - 9.0	~~[X]~~	~~[X]~~	*	~~[*]~~		~~[X]~~	~~[X]~~	~~[*]~~			
Dissolved Oxygen - mg/L		S.V. ≥ 6.0	~~[X]~~		*	~~[X]~~	~~[X]~~	~~[X]~~		~~[X]~~			
Total Phosphorus (as P) - mg/L		S.V. ≤ 0.10			*	*	~~[X]~~	~~[X]~~					
Total Ammonia (as N) - mg/L		[c]			*			~~[X]~~					
Total Dissolved Solids - mg/L		S.V. ≤ 500 ~~[or the 95th percentile (whichever is less)]~~	~~[X]~~	~~[X]~~				*					
E. coli - No./100 mL		A.G.M. ≤ 126 S.V. ≤ 410				*	~~[X]~~						
Fecal Coliform - No./100 mL		S.V. ≤ 1,000	~~[X]~~	*			~~[X]~~	~~[X]~~		~~[X]~~			
Toxic Materials		***[d]***											

* = The most restrictive beneficial use.
X = Beneficial use.

[a] Refer to NAC 445A.122 and 445A.2142 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.

[c] The ~~[ambient]~~ water quality criteria for ammonia are specified in NAC 445A.118.

[d] The water quality criteria for toxic materials are specified in NAC 445A.1236.