Proposed Regulation Of The
State Environmental Commission
P2006-11
June 29, 2006

Class Waters

Explanation – Matter in **Bold** is new; matter in bold red and strikeout ~~**omitted material**~~ is material to be omitted.

Section 1. Chapter 445A.124 through 445A.127 is hereby amended to read as follows.

~~**NAC 445A.124 Class A waters: Description; beneficial uses; quality standards. (NRS 445A.425, 445A.520)**~~

~~**1. Class A waters include waters or portions of waters located in areas of little human habitation, no industrial development or intensive agriculture and where the watershed is relatively undisturbed by man's activity.**~~

~~**2. The beneficial uses of class A waters are municipal or domestic supply, or both, with treatment by disinfection only, aquatic life, propagation of wildlife, irrigation, watering of livestock, recreation including contact with the water and recreation not involving contact with the water.**~~

~~**3. The quality standards for class A waters are:**~~

~~**Item**~~	~~**Specifications**~~
~~**Floating solids, sludge deposits, or taste- or odor-producing substances.**~~	~~**None attributable to man's activities.**~~
~~**Sewage, industrial wastes or other wastes.**~~	~~**None.**~~
~~**Toxic materials, oils, deleterious substances, colored or other wastes.**~~	~~**None.**~~
~~**Settleable solids.**~~	~~**Only amounts attributable to man's activities which will not make the waters unsafe or unsuitable as a drinking water source or which will not be detrimental to aquatic life or for any other beneficial use established for this class.**~~
~~**pH.**~~	~~**6.5 to 9.0 SU.**~~
~~**Dissolved oxygen.**~~	~~**≥6.0 mg/l.**~~
~~**Temperature:**~~ ~~**Maximum.**~~ ~~**ΔT.**~~	 ~~**≤20°C.**~~ ~~**≤0°C.**~~
~~**Fecal coliform (No./100ml).**~~	~~**≤200/400.**~~[a]
~~**Total phosphorus (as P):**~~ ~~**In any stream at the point where it enters a reservoir or lake.**~~ ~~**In any reservoir or lake.**~~ ~~**In a stream or other flowing water.**~~	 ~~**≤0.05 mg/l.**~~ ~~**≤0.025 mg/l.**~~ ~~**≤0.10 mg/l.**~~
~~**Total dissolved solids.**~~	~~**≤500 mg/l or one-third above that characteristic of natural conditions (whichever is less).**~~

~~**a. The fecal coliform concentration, based on a minimum of five samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, and not more than 10 percent of total samples during any 30-day period may exceed 400 per 100 milliliters.**~~

~~**4. The waters classified as class A are:**~~

CARSON CITY			
Water	HR	HA	Description of Area Classified
Ash Canyon	8	104	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.
Clear Creek	8	104	From its origin to gaging station number 10-3105, located in the NE 1/4 of the NE 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M.
Kings Canyon	8	104	From its origin to the point of the diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.

DOUGLAS COUNTY			
Water	HR	HA	Description of Area Classified
Daggett Creek	8	105	From its origin to the Carson River.
Genoa Creek	8	105	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.
Sierra Canyon Creek	8	105	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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
Angel Lake	10	177	The entire lake.
Bear Creek	3	39	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.
Brown's Gulch	3	37	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.
Camp Creek	3	40	From its origin to the national forest boundary.
Canyon Creek	3	40	From its origin to the national forest boundary.
Cottonwood Creek	3	40	From its origin to the national forest boundary.
Deep Creek	3	37	From its origin to the Wildhorse Reservoir.
Green Mountain Creek	4	47	From its origin to the national forest boundary.
Hendricks Creek	3	37	From its origin to Wildhorse Reservoir.
Humboldt River (N. Fork) and tributaries in Independence Mountain Range	4	44	From its origin to the national forest boundary.
Humboldt River (S. Fork) and tributaries	4	46	From its origin to Lee.
Jack Creek	3	36	From its origin to its confluence with Harrington Creek.
Lamoille Creek	4	45	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.
Little Humboldt River (S. Fork)	4	67	From its origin to the Elko-Humboldt county line.
Maggie Creek tributaries	4	51	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek.

~~ELKO COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Mary's River~~	~~4~~	~~42~~	~~From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.~~
~~Owyhee River (E. Fork) above Wildhorse~~	~~3~~	~~37~~	~~From its origin to Wildhorse Reservoir.~~
~~Penrod Creek~~	~~3~~	~~37~~	~~From its origin, including tributaries, to Wildhorse Reservoir.~~
~~Pole Canyon Creek~~	~~10~~	~~176~~	~~From its origin to where it becomes the Franklin River.~~
~~Rock Creek~~	~~4~~	~~61, 62, 63~~	~~From its origin to Squaw Valley Ranch.~~
~~Secret Creek~~	~~4~~	~~43~~	~~From its origin to the national forest boundary.~~
~~Tabor Creek~~	~~4~~	~~42~~	~~From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.~~
~~Toyn Creek~~	~~4~~	~~47~~	~~From its origin to the national forest boundary.~~
~~Willow Creek~~	~~4~~	~~63~~	~~From its origin to Willow Creek Reservoir.~~

~~EUREKA COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Denay Creek~~	~~4~~	~~53~~	~~From its origin to Tonkin Reservoir.~~
~~Roberts Creek~~	~~10~~	~~139~~	~~From its origin to Roberts Creek Reservoir.~~
~~Tonkin Reservoir~~	~~4~~	~~53~~	~~The entire reservoir.~~

~~HUMBOLDT COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Bilk Creek~~	~~2~~	~~29~~	~~From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.~~
~~Blue Lakes~~	~~1~~	~~2~~	~~Entire area.~~
~~Bottle Creek~~	~~2~~	~~31~~	~~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.~~
~~Dutch John Creek~~	~~4~~	~~68~~	~~The entire length.~~
~~Leonard Creek~~	~~2~~	~~28~~	~~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.~~
~~Little Humboldt River (N. Fork)~~	~~4~~	~~67~~	~~From its origin to the national forest boundary.~~
~~Mahogany Creek~~	~~2~~	~~27~~	~~From its origin to Summit Lake.~~
~~Martin Creek~~	~~4~~	~~68~~	~~From its origin to the national forest boundary.~~
~~Pole Creek~~	~~4~~	~~70~~	~~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.~~
~~Quinn River~~	~~2~~	~~33~~	~~From its origin to the confluence of the east fork and south fork.~~
~~Water Canyon Creek~~	~~4~~	~~71~~	~~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.~~

~~LANDER COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Big Creek~~	~~4~~	~~56~~	~~From its origin to the east boundary of United States Forest Service Big Creek Campground.~~
~~Birch Creek~~	~~10~~	~~137~~	~~From its origin to the national forest boundary.~~
~~Kingston Creek~~	~~10~~	~~137~~	~~From its origin to Groves Reservoir.~~
~~Lewis Creek~~	~~4~~	~~59~~	~~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.~~
~~Mill Creek~~	~~4~~	~~59~~	~~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.~~
~~Skull Creek~~	~~10~~	~~138~~	~~From its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M.~~
~~Steiner Creek~~	~~10~~	~~138~~	~~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.~~

~~MINERAL COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Corey Creek~~	~~9~~	~~110C~~	~~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.~~
~~Cottonwood Creek~~	~~9~~	~~110B~~	~~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.~~
~~Rose Creek~~	~~9~~	~~110B~~	~~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.~~
~~Squaw Creek~~	~~9~~	~~110B~~	~~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.~~

~~NYE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Barley Creek~~	~~10~~	~~140~~	~~From its origin to the first point of diversion, near the national forest boundary.~~
~~Currant Creek~~	~~10~~	~~173~~	~~From its origin to the national forest boundary.~~
~~Jett Creek~~	~~10~~	~~137~~	~~From its origin to the national forest boundary.~~
~~Mosquito Creek~~	~~10~~	~~140~~	~~From its origin to the national forest boundary.~~
~~Peavine Creek~~	~~10~~	~~137~~	~~From its origin to the first point of diversion, near the national forest boundary.~~
~~Pine Creek~~	~~10~~	~~140~~	~~From its origin to the national forest boundary.~~
~~Reese Creek~~	~~4~~	~~56~~	~~From its origin to its confluence with Indian Creek.~~
~~San Juan Creek~~	~~4~~	~~56~~	~~From its origin to the national forest boundary.~~
~~Stoneberger Creek~~	~~10~~	~~140~~	~~From its origin to the national forest boundary.~~
~~Twin River (N. Fork)~~	~~10~~	~~137~~	~~From its origin to the first point of diversion, near the national forest boundary.~~
~~Twin River (S. Fork)~~	~~10~~	~~137~~	~~From its origin to the first point of diversion, near the national forest boundary.~~

~~PERSHING COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Star Creek~~	~~10~~	~~129~~	~~From its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E., M.D.B. & M.~~

~~WASHOE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Boulder Reservoir~~	~~1~~	~~9~~	~~The entire reservoir.~~
~~Catnip Reservoir~~	~~1~~	~~6~~	~~The entire reservoir.~~
~~Franktown Creek~~	~~6~~	~~89~~	~~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.~~
~~Galena Creek~~	~~6~~	~~88~~	~~From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.~~
~~Hunter Creek~~	~~6~~	~~91~~	~~From its origin to Hunter Lake.~~
~~Hunter Lake~~	~~6~~	~~87~~	~~The entire lake.~~
~~Negro Creek~~	~~2~~	~~24~~	~~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.~~
~~Ophir Creek~~	~~6~~	~~89~~	~~From its origin to State Route 429 (old U.S. Highway 395).~~
~~Price's Lakes~~	~~6~~	~~89~~	~~The entire lake.~~
~~White's Creek~~	~~6~~	~~87~~	~~From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.~~

~~WHITE PINE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Baker Creek~~	~~11~~	~~195~~	~~From its origin to the national forest boundary.~~
~~Berry Creek~~	~~10~~	~~179~~	~~From its origin to the pipeline intake near the national forest boundary.~~
~~Bird Creek~~	~~10~~	~~179~~	~~From its origin to the pipeline intake near Bird Creek Campground.~~
~~Cave Creek~~	~~10~~	~~179~~	~~Its entire length.~~
~~Cleve Creek~~	~~10~~	~~184~~	~~From its origin to the national forest boundary.~~
~~Current Creek~~	~~10~~	~~173~~	~~From its origin to the national forest boundary.~~
~~Duck Creek~~	~~10~~	~~179~~	~~From its origin to the pipeline intake near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M.~~
~~East Creek~~	~~10~~	~~179~~	~~From its origin to the pipeline intake near the national forest boundary.~~
~~Goshute Creek~~	~~10~~	~~179~~	~~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.~~
~~Hendry's Creek~~	~~11~~	~~195~~	~~From its origin to the national forest boundary.~~
~~Huntington Creek~~	~~4~~	~~47~~	~~From its origin to the White Pine-Elko county line.~~
~~Lehman Creek~~	~~11~~	~~195~~	~~From its origin to the national forest boundary.~~
~~North Creek~~	~~10~~	~~179~~	~~From its origin to the pipeline intake near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M.~~
~~Pine Creek~~	~~10~~	~~184~~	~~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~~	~~10~~	~~184~~	~~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.~~

WHITE PINE COUNTY			
Water	HR	HA	Description of Area Classified
Silver Creek	11	195	From its origin to the national forest boundary.
Timber Creek	10	179	From its origin to the pipeline intake near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M.
White River	13	207	From its origin to the national forest boundary.

[Environmental Comm'n, Water Pollution Control Reg. §§ 4.2.1-4.2.1.3, eff. 5-2-78] — (NAC A 12-3-84; R226-03, 4-23-2004)

NAC 445A.125 Class B waters: Description; beneficial uses; quality standards. (NRS 445A.425, 445A.520)

1. Class B waters include waters or portions of waters which are located in areas of light or moderate human habitation, little industrial development, light-to-moderate agricultural development and where the watershed is only moderately influenced by man's activity.

2. The beneficial uses of class B water are municipal or domestic supply, or both, with treatment by disinfection and filtration only, irrigation, watering of livestock, aquatic life and propagation of wildlife, recreation involving contact with the water, recreation not involving contact with the water, and industrial supply.

3. The quality standards for class B waters are:

Item	Specifications
Floating solids, settleable solids or sludge deposits.	Only such amounts attributable to man's activities which will not make the waters unsafe or unsuitable as a drinking water source or injurious to fish or wildlife, or will not impair the waters for any other beneficial use established for this class.
Sewage, industrial wastes or other wastes.	None which are not effectively treated to the satisfaction of the Department.
Odor-producing substances.	Only such amounts which will not impair the palatability of drinking water or fish or have a deleterious effect upon fish, wildlife or any beneficial uses established for waters of this class.
Toxic materials, oil, deleterious substances, colored or other wastes, or heated or cooled liquids.	Only such amounts as will not render the receiving waters injurious to fish or wildlife or impair the receiving waters for any beneficial uses established for this class.
pH.	6.5 to 9.0 SU.
Dissolved oxygen: Trout waters.[a] All other waters.	 ≥6.0 mg/l. ≥5.0 mg/l.
Temperature: Maximum: Trout waters.[a] All other waters. ΔT.	 ≤20°C. ≤24°C. =0°C.
Fecal coliform (No./100ml).	≤200/400.[b]
Total phosphorus (as P).	≤0.10 mg/l.
Total dissolved solids.	≤500 mg/l or one-third above that characteristic of natural conditions (whichever is less).

a. Trout waters are identified in subsection 4 by the symbol "(T)."
b. The fecal coliform concentration, based on a minimum of five samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, and not more than 10 percent of total samples during any 30-day period may exceed 400 per 100 milliliters.

4. The waters classified as class B are:

CARSON CITY			
Water	HR	HA	Description of Area Classified
Clear Creek (T)	8	104	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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
Bull Run Reservoir (T)	3	35	The entire reservoir.
Camp Creek (T)	3	40	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.
Canyon Creek (T)	3	40	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.
Cottonwood Creek (T)	3	40	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.
Green Mountain Creek (T)	4	47	From the national forest boundary to its confluence with Corral Creek.
Harrington Creek (T)	3	36	From its confluence with Jack Creek to the south fork of the Owyhee River.
Humboldt River (N. Fork) (T)	4	44	From the national forest boundary to its confluence with Beaver Creek.
Humboldt River (N. Fork)	4	44	From its confluence with Beaver Creek to its confluence with the Humboldt River.
Humboldt River (S. Fork) (T)	4	46, 48, 49	From Lee to its confluence with the Humboldt River.
Huntington Creek (T)	4	47	From White Pine county line to its confluence with Smith Creek.
Huntington Creek	4	47	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River.
Lamoille Creek	4	45	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.
Maggie Creek (T)	4	51	From where it is formed by tributaries to its confluence with Jack Creek.
Mary's River (T)	4	42	From the east line of T. 42 N., R. 59 E., M.D.B. & M. to its confluence with the Humboldt River.
Ruby Marsh (T)	10	176	The entire area.
Salmon Falls Creek (T) (N. Fork)	3	40	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.
Salmon Falls Creek (T) (S. Fork)	3	40	From the national forest boundary to its confluence with the north fork of Salmon Falls Creek.

~~ELKO COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~76 Creek (T)~~	~~3~~	~~38~~	~~Its entire length.~~
~~Secret Creek (T)~~	~~4~~	~~43~~	~~From the national forest boundary to the Humboldt River.~~
~~Starr Creek (T)~~	~~4~~	~~43~~	~~From the confluence of Ackler and Herder Creeks to the Humboldt River.~~
~~Wildhorse Reservoir (T)~~	~~3~~	~~37~~	~~The entire reservoir.~~
~~Willow Creek Reservoir (T)~~	~~4~~	~~63~~	~~The entire reservoir.~~
~~Wilson Reservoir (T)~~	~~3~~	~~35~~	~~The entire reservoir.~~

~~EUREKA COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Denay Creek~~	~~4~~	~~53~~	~~Below Tonkin Reservoir.~~
~~Fish Springs Pond (T)~~	~~10~~	~~155~~	~~The entire pond.~~
~~Roberts Creek~~	~~10~~	~~139~~	~~Below Roberts Creek Reservoir.~~

~~HUMBOLDT COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Bilk Creek (T)~~	~~2~~	~~29~~	~~From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. to Bilk Creek Reservoir.~~
~~Bilk Creek Reservoir (T)~~	~~2~~	~~29~~	~~The entire reservoir.~~
~~Knott Creek Reservoir (T)~~	~~1~~	~~3~~	~~The entire reservoir.~~
~~Little Humboldt River (N. Fork)~~	~~4~~	~~67~~	~~From the national forest boundary to its confluence with the south fork of the Little Humboldt River.~~
~~Little Humboldt River (S. Fork)~~	~~4~~	~~67~~	~~From the Elko Humboldt county line to its confluence with the north fork of the Little Humboldt River.~~
~~Martin Creek (T)~~	~~4~~	~~68, 69~~	~~From the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.~~
~~Onion Valley Reservoir (T)~~	~~1~~	~~2~~	~~The entire reservoir.~~
~~Quinn River (T)~~	~~2~~	~~33~~	~~From the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.~~
~~Summit Lake (T)~~	~~2~~	~~27~~	~~The entire lake.~~

~~LANDER COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~

~~LANDER COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Big Creek (T)~~	~~4~~	~~56~~	~~From the east boundary of the United States Forest Service 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.~~
~~Birch Creek (T)~~	~~10~~	~~137~~	~~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.~~
~~Groves Lake (T)~~	~~10~~	~~137~~	~~The entire lake.~~
~~Iowa Canyon Reservoir (T)~~	~~4~~	~~55~~	~~The entire reservoir.~~
~~Kingston Creek (T)~~	~~10~~	~~137~~	~~Below Groves Lake.~~
~~Reese River (T)~~	~~4~~	~~56~~	~~From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).~~
~~Willow Creek Reservoir (T)~~	~~10~~	~~131~~	~~The entire reservoir.~~

~~LINCOLN COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Clover Creek (T)~~	~~13~~	~~204~~	~~From its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M.~~
~~Eagle Valley Creek (T)~~	~~13~~	~~200, 201~~	~~From its headwaters to Eagle Valley Reservoir.~~
~~Eagle Valley Reservoir (T)~~	~~13~~	~~201~~	~~The entire reservoir.~~

~~NYE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Adams McGill Reservoir~~	~~13~~	~~207~~	~~The entire reservoir.~~
~~Currant Creek~~	~~10~~	~~173~~	~~From the national forest boundary to Currant.~~
~~Dacey Reservoir~~	~~13~~	~~207~~	~~The entire reservoir.~~
~~Hay Meadow Reservoir (T)~~	~~13~~	~~207~~	~~The entire reservoir.~~
~~Reese River (T)~~	~~4~~	~~56~~	~~From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).~~
~~Sunnyside Creek~~	~~13~~	~~207~~	~~From its origin to the Adams McGill Reservoir.~~

~~WASHOE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Davis Lake (T)~~	~~6~~	~~89~~	~~The entire lake.~~
~~Franktown Creek (T)~~	~~6~~	~~89~~	~~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.~~

WASHOE COUNTY			
Water	HR	HA	Description of Area Classified
Galena Creek (T)	6	88	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 SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M.
Hobart Reservoir and tributaries (T)	6	89	The entire system.
Hunter Creek (T)	6	87	From Hunter Lake to its confluence with the Truckee River.
Ophir Creek (T)	6	89	From State Route 429 (old U.S. Highway 395) to Washoe Lake.
Squaw Creek Reservoir (T)	2	21	The entire reservoir.
Wall Canyon Reservoir (T)	1	16	The entire reservoir.
White's Creek (T)	6	87	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M to Steamboat Ditch.
White's Creek	6	87	Below Steamboat Ditch.

WHITE PINE COUNTY			
Water	HR	HA	Description of Area Classified
Cave Lake (T)	10	179	The entire lake.
Illipah Reservoir (T)	10	174	The entire reservoir.
Silver Creek Reservoir (T)	11	195	The entire reservoir.
White River (T)	13	207	From the national forest boundary to its confluence with Ellison Creek.

[Environmental Comm'n, Water Pollution Control Reg. §§ 4.2.2-4.2.2.3, eff. 5-2-78] (NAC A 12-3-84; R226-03, 4-23-2004)

NAC 445A.126 Class C waters: Description; beneficial uses; quality standards. (NRS 445A.425, 445A.520)

1. Class C waters include waters or portions of waters which are located in areas of moderate-to-urban human habitation, where industrial development is present in moderate amounts, agricultural practices are intensive and where the watershed is considerably altered by man's activity.

2. The beneficial uses of class C water are municipal or domestic supply, or both, following complete treatment, irrigation, watering of livestock, aquatic life, propagation of wildlife, recreation involving contact with the water, recreation not involving contact with the water, and industrial supply.

3. The quality standards for class C waters are:

Item	Specifications
Floating solids, solids that will settle or sludge deposits.	Only those amounts attributable to the activities of man which will not make the receiving waters injurious to fish or wildlife or impair the waters

Item	Specifications
	for any beneficial use established for this class.
Sewage, industrial wastes or other wastes.	None which are not effectively treated to the satisfaction of the Department.
Toxic materials, oils, deleterious substances, colored or other wastes or heated or cooled liquids.	Only such amounts as will not render the receiving waters injurious to fish and wildlife or impair the waters for any beneficial use established for this class.
pH.	6.5 to 9.0 SU.
Dissolved oxygen: Trout waters.[a] All other waters.	 ≥ 6.0 mg/l. ≥ 5.0 mg/l.
Temperature: Maximum: Trout waters.[a] All other waters. ΔT.	 ≤ 20°C. ≤ 34°C. ≤ 3°C.
Fecal coliform (No./100ml).	The more stringent of the following apply: ≤ 1000/2400.[b] ≤ 200/400.[c] ≤ 200/400.[d]
Total phosphorus (as P).	≤ 0.33 mg/l.
Total dissolved solids.	≤ 500 mg/l or one-third above that characteristic of natural conditions (whichever is less).

a. Trout waters are identified in subsection 4 by the symbol "(T)."
b. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters, and not more than 20 percent of total samples may exceed 2400 per 100 milliliters.
c. The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters, and the number of fecal coliform in a single sample must not exceed that characteristic of natural conditions by more than 400 per 100 milliliters.
d. The fecal coliform concentration, based on a minimum of five samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, and not more than 10 percent of total samples during any 30-day period may exceed 400 per 100 milliliters. This is applicable only to those waters used primarily for recreation involving contact with the water.

4. The waters classified as class C waters are:

CHURCHILL COUNTY			
Water	HR	HA	Description of Area Classified
Diagonal Drain	8	101	Its entire length.
Harmon Reservoir	8	101	The entire reservoir.
Indian Lakes	8	101	All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.
Lower Carson River	8	101	From Lahontan Reservoir to Carson Sink (the natural channel).
Rattlesnake Reservoir, also known as S-Line Reservoir	8	101	The entire reservoir.
South Carson Lake, also known as Government Pasture and the Greenhead Gun Club	8	101	The entire lake.
Stillwater Marsh	8	101	All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.
V-Line Canal	8	101	From the Carson diversion dam to its division into the S & L Canals.

~~CLARK COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Bowman Reservoir~~	~~13~~	~~220~~	~~The entire reservoir.~~

~~ELKO COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Maggie Creek (T)~~	~~4~~	~~51~~	~~From its confluence with Jack Creek to its confluence with Soap Creek.~~
~~Maggie Creek~~	~~4~~	~~51~~	~~From its confluence with Soap Creek to the Humboldt River.~~
~~Rock Creek~~	~~4~~	~~61, 62, 63~~	~~Below Squaw Valley Ranch.~~

~~ESMERALDA COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Fish Lake~~	~~10~~	~~117~~	~~The entire lake.~~

~~EUREKA COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~J.D. Ponds~~	~~4~~	~~53~~	~~The entire area.~~
~~Maggie Creek (T)~~	~~4~~	~~51~~	~~From its confluence with Jack Creek to its confluence with Soap Creek.~~
~~Maggie Creek~~	~~4~~	~~51~~	~~From its confluence with Soap Creek to the Humboldt River.~~
~~Rock Creek~~	~~4~~	~~61, 62, 63~~	~~Below Squaw Valley Ranch.~~

~~HUMBOLDT COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Little Humboldt River~~	~~4~~	~~67, 69~~	~~Its entire length.~~

~~LANDER COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Reese River~~	~~4~~	~~56, 58, 59~~	~~North of State Route 722 (old U.S. Highway 50).~~
~~Rock Creek~~	~~4~~	~~61, 62, 63~~	~~Below Squaw Valley Ranch.~~

~~LINCOLN COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~

~~Echo Canyon Reservoir (T)~~	~~13~~	~~199~~	~~The entire reservoir.~~
~~Nesbitt Lake~~	~~13~~	~~209~~	~~The entire lake.~~
~~Pahranagat Reservoir~~	~~13~~	~~209~~	~~The entire reservoir.~~
~~Schroeder Reservoir (T)~~	~~13~~	~~222~~	~~The entire reservoir.~~

~~LYON COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Mason Wildlife Area (T)~~	~~9~~	~~108~~	~~Hinkson Slough, Bass Pond, Crappie Pond and North Pond.~~
~~Mason Wildlife Area~~	~~9~~	~~108~~	~~All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond.~~

~~MINERAL COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Weber Reservoir~~	~~9~~	~~110~~	~~Entire reservoir.~~

~~PERSHING COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Humboldt River~~	~~4~~	~~73~~	~~From Woolsey to Rodgers Dam.~~

~~STOREY COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Tracy Pond~~	~~6~~	~~83~~	~~The entire area.~~

~~WASHOE COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Galena Creek (T)~~	~~6~~	~~88~~	~~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.~~
~~Steamboat Creek~~	~~6~~	~~87, 88, 89~~	~~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.~~
~~Washoe Lakes~~	~~6~~	~~89~~	~~The entire lakes.~~

~~WHITE PINE COUNTY~~

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Comins Reservoir (T)~~	~~10~~	~~179~~	~~The entire reservoir.~~
~~Gleason Creek~~	~~10~~	~~179~~	~~From its origin to State Highway 485 (old State Highway 44).~~
~~Snake Creek (T)~~	~~11~~	~~195~~	~~From control point above fish hatchery to the Nevada-Utah state line.~~

[Environmental Comm'n, Water Pollution Control Reg. §§ 4.2.3-4.2.3.2, eff. 5-2-78; § 4.2.3.3, eff. 5-2-78; A 1-25-79] (NAC A 12-3-84; 9-13-85; 5-27-93; R226-03, 4-23-2004)

NAC 445A.127 Class D waters: Description; beneficial uses; quality standards. (NRS 445A.425, 445A.520)

1. Class D waters include waters or portions of waters located in areas of urban development, highly industrialized or intensively used for agriculture or a combination of all the above and where effluent sources include a multiplicity of waste discharges from the highly altered watershed.

2. The beneficial uses of class D waters are recreation not involving contact with the water, aquatic life, propagation of wildlife, irrigation, watering of livestock, and industrial supply except for food processing purposes.

3. The quality standards for class D waters are:

Item	Specifications
Floating solids, settleable solids or sludge deposits.	Only such amounts attributable to the activities of man which will not impair the receiving waters for any beneficial use established for this class.
Sewage, industrial wastes or other wastes.	None which are not effectively treated to the satisfaction of the Department.
Toxic materials, oils, deleterious substances, colored or other wastes or heated or cooled liquid.	Only such amounts as will not impair the receiving waters for any beneficial use established for this class.
pH.	6.0 to 9.0 SU.
Dissolved oxygen.	≥3.0 mg/l.

4. The waters classified as class D waters are:

CHURCHILL COUNTY			
Water	HR	HA	Description of Area Classified
Stillwater Marsh	8	101	All that area of Stillwater Marsh not designated as class C.

HUMBOLDT COUNTY			
Water	HR	HA	Description of Area Classified
Quinn River	2	33	From the Idaho-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 section line of section 17, T. 47 N., R. 38 E., M.D.B. & M.

PERSHING COUNTY			
Water	HR	HA	Description of Area Classified
Humboldt River	4	73	Rodgers Dam to, and including, Humboldt Sink.

STOREY COUNTY

~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Lagomarsino Creek, also known as Long Valley Creek~~	~~6~~	~~83~~	~~The entire length.~~

~~WASHOE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Steamboat Creek~~	~~6~~	~~87~~	~~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.~~

~~WHITE PINE COUNTY~~			
~~Water~~	~~HR~~	~~HA~~	~~Description of Area Classified~~
~~Gleason Creek~~	~~10~~	~~179~~	~~From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.~~
~~Murray Creek~~	~~10~~	~~179~~	~~From its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.~~

~~[Environmental Comm'n, Water Pollution Control Reg. §§ 4.2.4, 4.2.4.2 & 4.2.4.3, eff. 5-2-78; § 4.2.4.1, eff. 5-2-78; A 11-21-79]~~ ~~(NAC A 12-3-84; R226-03, 4-23-2004)~~

Section 2. Chapter 445A.146 through 445A.225 is hereby amended to read as follows.

NAC 445A.146 Beneficial uses for Carson River. (NRS 445A.425, 445A.520) The standards for water quality for the Carson River from Lahontan Dam to the state line are prescribed in NAC 445A.147 to 445A.158, inclusive. The beneficial uses for this area are:

1. Irrigation;

2. Watering of livestock;

3. Recreation involving contact with the water;

4. Recreation not involving contact with water;

5. Industrial supply;

6. Municipal or domestic supply, or both;

7. Propagation of wildlife; and

8. Propagation of aquatic life, more specifically, the species of major concern are:

(a) West Fork at the state line, rainbow trout and brown trout.

(b) Bryant Creek, rainbow trout and brown trout.

(c) East Fork Carson at the state line, rainbow trout and brown trout.

(d) From the East Fork Carson at the state line to near Highway 395 south of Gardnerville, rainbow trout and brown trout.

(e) From the East Fork Carson near Highway 395 south of Gardnerville to Muller Lane, rainbow trout and brown trout.

(f) From the Carson River at Genoa Lane to the East Fork Carson at Muller Lane and to the West Fork Carson at the state line, catfish, rainbow trout and brown trout.

(g) From the Carson River at Cradlebaugh Bridge to Genoa Lane, catfish, rainbow trout and brown trout.

(h) From the Carson River at Mexican Ditch Gage to Cradlebaugh Bridge, rainbow trout and brown trout.

(i) From the Carson River near New Empire to Mexican Ditch Gage, smallmouth bass, rainbow trout and brown trout.

(j) From the Carson River at Dayton Bridge to New Empire, walleye, channel catfish and white bass.

(k) From the Carson River at Weeks to the Dayton Bridge, walleye, channel catfish and white bass.

(l) From Lake Lahontan at Lahontan Dam to Weeks, walleye, channel catfish and white bass.

(Added to NAC by Environmental Comm'n, eff. 12-3-84) (Substituted in revision for NAC 445.13405)

NAC 445A.147 Carson River: West Fork at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

Control Point at the West Fork at the state line. The limits of this table apply only to the West Fork at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum - - ΔT[a]	- - - - ΔT = 0°C	Nov. May : ≤13°C June : ≤17°C July : ≤21°C Aug. Oct. : ≤22°C ΔT ≤2°C -	Aquatic life[b] and recreation involving contact with the water.

~~pH Units~~	~~7.4 – 8.4~~	~~- -~~ ~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~	~~A Avg. : ≤.016~~ ~~S.V. : ≤.033~~	~~A Avg. : ≤0.10~~	~~Aquatic life,[b] recreation involving contact with water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) – mg/l~~	~~A Avg. : ≤0.4~~ ~~S.V. : ≤0.5~~	~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤.06~~	~~Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~- -~~	~~e~~	~~Aquatic life.[b]~~
~~- Dissolved Oxygen – mg/l~~	~~- -~~	~~S.V. :~~ ~~Nov. May : ≥5.0~~ ~~Jun. Oct. : ≥6.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~	~~A Avg. : ≤15~~ ~~- -~~	~~- -~~ ~~S.V. : ≤25~~	~~Aquatic life.[b]~~
~~Turbidity – NTU~~	~~A Avg. : ≤3~~ ~~S.V. : ≤5~~	~~- -~~ ~~S.V. : ≤10~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color – PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.[b]~~
~~Total Dissolved Solids – mg/l~~	~~A Avg. : ≤70~~ ~~S.V. : ≤95~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~A Avg. : ≤3~~ ~~S.V. : ≤5~~	~~- -~~ ~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Sulfate – mg/l~~	~~- -~~ ~~S.V. : ≤4~~	~~- -~~ ~~S.V. : ≤250~~	~~Municipal or domestic supply.[b]~~
~~Sodium – SAR~~	~~A Avg. : ≤1~~	~~A Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~	~~- -~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~A.G.M. : ≤105~~ ~~- -~~	~~- ≤200/400e~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~- - - -~~	~~- - ≤126 ≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~

~~a. 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.~~

~~b. The most restrictive beneficial use.~~

~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~

~~d. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 1, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)~~

~~NAC 445A.148 Carson River: Bryant Creek near the state line. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Carson River~~

~~Control Point at Bryant Creek near the state line. The limits of this table apply only to Bryant Creek near the state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C – Maximum~~	~~- -~~	~~Nov. May : ≤13°C~~ ~~June : ≤17°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~

- - ΔT[a]	- - ΔT = 0°C	July : ≤21°C Aug. Oct. : ≤22°C ΔT ≤2°C -	
pH Units	-	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	A-Avg. : ≤.036 S.V. : ≤.05	A-Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	A-Avg. : ≤0.6 S.V. : ≤1.0	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l		e	Aquatic life.[b]
- Dissolved Oxygen – mg/l	- - -	S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	- -	S.V. : ≤25	Aquatic life.[b]
Turbidity – NTU	- -	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids – mg/l	A-Avg. : ≤375 S.V. : ≤420	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides – mg/l	A-Avg. : ≤6 S.V. : ≤7	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate – mg/l	- -	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A-Avg. : ≤1	A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- -	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤50 S.V. : ≤90	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - - -	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

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a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 2, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.149 Carson River: East Fork at the state line. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Carson River

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Control Point at the East Fork at the state line. The limits of this table apply only to the East Fork at the state line.

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PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum - - ΔT[a]	- - - - ΔT = 0°C	Nov. May : ≤13°C June : ≤17°C July : ≤21°C Aug. Oct. : ≤22°C ΔT ≤2°C -	Aquatic life[b] and recreation involving contact with the water.
pH Units	— —	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) - mg/l	A Avg. : ≤.03 S.V. : ≤.065	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen - A Avg. : ≤0.5 S.V. : ≤1.1	- Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	—	e	Aquatic life.[b]
- Dissolved Oxygen - mg/l	- — —	S.V. : Nov. May : ≥6.0 Jun. - Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	— —	S.V. : ≤25	Aquatic life.[b]
Turbidity - NTU	A Avg. : ≤5 S.V. : ≤8	- S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids - mg/l	A Avg. : ≤145 S.V. : ≤185	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A Avg. : ≤3 S.V. : ≤5	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	- S.V. : ≤3	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A Avg. : ≤2	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	A.G.M. : ≤40 S.V. : ≤60	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

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a. 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.

b. The most restrictive beneficial use.

c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

d. Increase in color must not be more than 10 PCU above natural conditions.

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

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 3, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.150 Carson River: East Fork at Highway 395, south of Gardnerville. (NRS 445A.425, 445A.520)

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~~Carson River~~

~~Control Point for East Fork at Highway 395, south of Gardnerville (Riverview). The limits of this table apply from Riverview Mobile Home Park to the state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ ~~AT[a]~~	~~AT = 0°C~~	~~Nov. May : ≤13°C~~ ~~June : ≤17°C~~ ~~July : ≤21°C~~ ~~Aug. Oct. : ≤22°C~~ ~~AT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.5 – 8.6~~	~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~		~~A Avg. : ≤0.10~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) – mg/l~~	~~Total Nitrogen : ≤0.4~~ ~~A Avg. : ≤0.5~~ ~~S.V.~~	~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤.06~~	~~Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~		~~e~~	~~Aquatic life.[b]~~
~~Dissolved Oxygen – mg/l~~		~~S.V. Nov. May : ≥6.0~~ ~~Nov. May : ≥5.0~~ ~~Jun. Oct.~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~		~~S.V. : ≤80~~	~~Aquatic life.[b]~~
~~Turbidity – NTU~~		~~S.V. : ≤10~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color – PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.[b]~~
~~Total Dissolved Solids – mg/l~~	~~A Avg. : ≤120~~ ~~S.V. : ≤175~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~A Avg. : ≤6~~ ~~S.V. : ≤10~~	~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Sulfate – mg/l~~		~~S.V. : ≤250~~	~~Municipal or domestic supply.[b]~~
~~Sodium – SAR~~	~~A Avg. : ≤2~~	~~A Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~		~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform No./100ml~~	~~A.G.M. : ≤20~~ ~~S.V. : ≤85~~	~~≤200/400[c]~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~		~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~

~~a. 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.~~
~~b. The most restrictive beneficial use.~~
~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 4, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)~~

~~NAC 445A.151 Carson River: East Fork at Muller Lane. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Carson River~~

~~Control Point at the East Fork at Muller Lane. The limits of this table apply only from East Fork at Muller Lane to Highway 395, south of Gardnerville (Riverview Mobile Home Park).~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ ~~ΔT*~~	~~ΔT = 0°C~~	~~Nov. May : ≤13°C~~ ~~June : ≤17°C~~ ~~July : ≤21°C~~ ~~Aug. Oct. : ≤22°C~~ ~~ΔT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.4 – 8.7~~ ~~———~~	~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~	~~———~~ ~~———~~	~~A Avg. : ≤0.10~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) – mg/l~~	~~Total Nitrogen~~ ~~A Avg. : ≤0.5~~ ~~S.V. : ≤0.8~~	~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤.06~~	~~Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~———~~	~~e~~	~~Aquatic life.[b]~~
~~Dissolved Oxygen – mg/l~~	~~———~~ ~~———~~	~~S.V. :~~ ~~Nov. May : ≥6.0~~ ~~Jun. Oct. : ≥5.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~	~~———~~ ~~———~~	~~S.V. : ≤80~~	~~Aquatic life.[b]~~
~~Turbidity – NTU~~	~~———~~ ~~———~~	~~S.V. : ≤10~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color – PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.[b]~~
~~Total Dissolved Solids – mg/l~~	~~A Avg. : ≤180~~ ~~S.V. : ≤205~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~A Avg. : ≤8~~ ~~S.V. : ≤10~~	~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Sulfate – mg/l~~	~~———~~ ~~———~~	~~S.V. : ≤250~~	~~Municipal or domestic supply.[b]~~
~~Sodium – SAR~~	~~A Avg. : ≤2~~	~~A Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~	~~———~~ ~~———~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~A.G.M. : ≤50~~ ~~———~~	~~≤200/400[c]~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~———~~ ~~———~~	~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~

~~a. 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.~~
~~b. The most restrictive beneficial use.~~
~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 5, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)~~

~~NAC 445A.152 Carson River at Genoa Lane. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Carson River~~

~~Control Point at Genoa Lane. The limits of this table apply from Genoa Lane to the East Fork at Muller Lane and to the West Fork at the state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ - ~~ΔT[a]~~	- - ~~ΔT = 0°C~~	~~Nov.-Apr. : ≤13°C~~ ~~May-June : ≤17°C~~ ~~Jul.-Oct. : ≤23°C~~ ~~ΔT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.4 – 8.5~~ ~~———~~	- ~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~	~~———~~ ~~———~~	~~A-Avg. : ≤0.10~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) – mg/l~~	~~Total Nitrogen~~ ~~A-Avg. : ≤0.8~~ ~~S.V. : ≤1.3~~	- ~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤.06~~	~~Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia as (N) – mg/l~~	~~———~~	~~e~~	~~Aquatic life.[b]~~
- ~~Dissolved Oxygen – mg/l~~	- ~~———~~ ~~———~~	~~S.V. :~~ ~~Nov.-Apr. : ≥6.0~~ ~~May-Oct. : ≥5.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~	~~———~~ ~~———~~	- ~~S.V. : ≤80~~	~~Aquatic life.[b]~~
~~Turbidity – NTU~~	~~———~~ ~~———~~	- ~~S.V. : ≤10~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color – PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.[b]~~
~~Total Dissolved Solids – mg/l~~	~~A-Avg. : ≤165~~ ~~S.V. : ≤220~~	~~A-Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~A-Avg. : ≤8~~ ~~S.V. : ≤12~~	- ~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Sulfate – mg/l~~	~~———~~ ~~———~~	- ~~S.V. : ≤250~~	~~Municipal or domestic supply.[b]~~
~~Sodium – SAR~~	~~A-Avg. : ≤2~~	~~A-Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~	~~———~~ ~~———~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~– : ≤180~~ ~~A.G.M.~~ ~~———~~	- ~~≤200/400[c]~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E Coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	- - ~~———~~ ~~———~~	- - ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~

~~a. 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.~~
~~b. The most restrictive beneficial use.~~

c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

d. Increase in color must not be more than 10 PCU above natural conditions.

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

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 5A, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.153 Carson River at Cradlebaugh Bridge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

Control Point at Cradlebaugh Bridge. The limits of this table apply from Cradlebaugh Bridge to Genoa Lane.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT*	- - - ΔT = 0°C	Nov. Apr. : ≤13°C May June : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C -	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.5 – 8.4 —	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) - mg/l	— —	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen A : ≤.85 Avg. : ≤1.2 S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	—	e	Aquatic life.[b]
- Dissolved Oxygen - mg/l	- — —	S.V. : Nov. Apr. : ≥6.0 May Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	— —	- S.V. : ≤80	Aquatic life.[b]
Turbidity - NTU	— —	- S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids - mg/l	A : ≤180 Avg. : ≤230 S.V.	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A : ≤8 Avg. : ≤15 S.V.	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	— —	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A : ≤2 Avg.	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform No./100ml	— —	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 6, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.154 Carson River at Mexican Ditch Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

Control Point at Mexican Ditch Gage. The limits of this table apply from Mexican Ditch Gage to Highway 395, at Cradlebaugh Bridge.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	- - - ΔT = 0°C	Nov. Apr. : ≤13°C May June : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.4 – 8.5 ———	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	——— ———	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen A : ≤0.8 Avg. : ≤1.3 S.V.	- Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	e	Aquatic life.[b]
- Dissolved Oxygen – mg/l	- ——— ———	S.V. : Nov. Apr. : ≥6.0 May Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	——— ———	- S.V. : ≤80	Aquatic life.[b]
Turbidity – NTU	——— ———	- S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids – mg/l	A : ≤285 Avg. : ≤360 S.V.	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides – mg/l	A : ≤17 Avg. : ≤23 S.V.	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate – mg/l	A : ≤24 Avg. : ≤100 S.V.	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A : ≤2 Avg.	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	——— ———	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤110 S.V. : ≤295	- ≤200/400[e]	Recreation involving contact with the water,[b] recreation not involving contact with the water,

			municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 6A, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.155 Carson River near New Empire. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

Control Point near New Empire. The limits of this table apply from New Empire to the Mexican Ditch Gage.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - Maximum - ΔT*	- - - ΔT = 0°C	Nov. May : ≤18°C Jun.Oct. : ≤23°C - ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.4 – 8.4 ———	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) - mg/l	——— ———	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen A : ≤1.3 Avg. : ≤1.7 S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	———	e	Aquatic life.[b]
Dissolved Oxygen - mg/l	——— ———	- S.V. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	——— ———	- S.V. : ≤80	Aquatic life.[b]
Turbidity - NTU	——— ———	- S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids - mg/l	A : ≤260 Avg. : ≤375 S.V.	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A : ≤13 Avg. : ≤24 S.V.	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	——— —	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A : ≤2 Avg.	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

~~Alkalinity (as $CaCO_3$) - mg/l~~	~~——~~ ~~——~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform - No./100ml~~	~~——~~ ~~——~~	- ~~≤200/400[c]~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli - No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	- - ~~——~~ ~~——~~	- - ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~

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~~a. 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.~~
~~b. The most restrictive beneficial use.~~
~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

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~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 7, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)~~

~~NAC 445A.156 Carson River at Dayton Bridge. (NRS 445A.425, 445A.520)~~

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~~STANDARDS OF WATER QUALITY~~
~~Carson River~~

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~~Control Point at Dayton Bridge. The limits of this table apply from Dayton Bridge to New Empire.~~

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~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C - Maximum~~ - ~~ΔT[a]~~	- - - ~~ΔT = 0°C~~	~~Nov. Mar. : ≤11°C~~ ~~Apr. Jun. : ≤24°C~~ ~~Jul. Oct. : ≤28°C~~ ~~ΔT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.5 - 8.6~~ ~~——~~	- ~~S.V.: 6.5 - 9.0~~ ~~ΔpH: ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) - mg/l~~	~~——~~ ~~——~~	~~A Avg. : ≤0.1~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) - mg/l~~	~~Total Nitrogen~~ ~~A : ≤1.2~~ ~~Avg. : ≤1.6~~ ~~S.V.~~	- ~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤1.0~~	~~Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) - mg/l~~	~~——~~	~~e~~	~~Aquatic life.[b]~~
~~Dissolved Oxygen - mg/l~~	~~——~~ ~~——~~	- ~~S.V. : ≥5.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Suspended Solids - mg/l~~	~~——~~ ~~——~~	- ~~S.V. : ≤80~~	~~Aquatic life.[b]~~
~~Turbidity - NTU~~	~~A : ≤12~~ ~~Avg. : ≤25~~ ~~S.V.~~	- ~~S.V. : ≤50~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color - PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.[b]~~
~~Total Dissolved Solids - mg/l~~	~~A : ≤250~~ ~~Avg. : ≤400~~ ~~S.V.~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Chlorides - mg/l~~	~~A : ≤10~~ ~~Avg. : ≤18~~	- ~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~

	S.V.		
Sulfate - mg/l	— —	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A : ≤2 Avg.	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	– : ≤50 A.G.M. : ≤280 S.V.	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

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a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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(Added to NAC by Environmental Comm'n, eff. 12-3-84; A 9-15-94; R099-02, 12-17-2002)

NAC 445A.157 Carson River at Weeks. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Carson River

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Control Point at Weeks (Ft. Churchill). The limits of this table apply from the U.S. Highway 95 Bridge at Weeks to the Dayton Bridge.

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PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - Maximum - ΔT*	- - - ΔT = 0°C	Nov. Mar. : ≤11°C Apr. Jun. : ≤24°C Jul. Oct. : ≤28°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.5 - 8.5 —	- S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) - mg/l	— —	A Avg. : ≤0.1	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen A : ≤0.6 Avg. : ≤1.1 S.V.	- Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	—	e	Aquatic life.[b]
Dissolved Oxygen - mg/l	— —	- S.V. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	— —	- S.V. : ≤80	Aquatic life.[b]
Turbidity - NTU	A : ≤25 Avg. - —	- S.V. : ≤50	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]

Total Dissolved Solids - mg/l	A : ≤250 Avg. : ≤380 S.V.	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A : ≤10 Avg. : ≤18 S.V.	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A : ≤100 Avg. : ≤140 S.V.	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A : ≤2 Avg.	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	—— ——	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	- : ≤90 A.G.M. : ≤240 S.V.	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - —— ——	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 8, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; 9-15-94; R099-02, 12-17-2002)

NAC 445A.158 Carson River at Lahontan Dam. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

Control Point at Lahontan Dam. The limits of this table apply from Lahontan Dam to the U.S. Highway 95 bridge at Weeks (Ft. Churchill).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
- Temperature °C - Maximum - ΔT[a]	- - - - ΔT = 0°C	- Nov. Mar. : ≤11°C Apr. Jun. : ≤24°C Jul. Oct. : ≤28°C ΔT ≤2°C	- Aquatic life[b] and recreation involving contact with the water.
pH Units	—— ——	- S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) - mg/l	—— ——	- S.V. : ≤0.06	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen A : ≤1.3 Avg. : ≤1.7 S.V.	- Nitrate : ≤10 S.V. : ≤1.0 Nitrite S.V.	Aquatic life,[b] municipal or domestic supply,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	——	e	Aquatic life.[b]
Dissolved Oxygen - mg/l	—— ——	- S.V. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock,

			municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	-	- - S.V. : ≤25	Aquatic life.[b]
Turbidity - NTU	A- : ≤15 Avg. : ≤27 S.V.	- - S.V. : ≤50	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]
Total Dissolved Solids - mg/l	A- : ≤175 Avg. : ≤225 S.V.	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A- : ≤9 Avg. : ≤15 S.V.	- - S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A- : ≤35 Avg. : ≤50 S.V.	- - S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A- : ≤2 Avg.	A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	- : ≤25 A.G.M. : ≤75 S.V.	- ≤200/400[c]	Recreation involving contact with the water[b], recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- -	- - ≤126 ≤235	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 9, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 12-3-84; R099-02, 12-17-2002)

NAC 445A.159 Beneficial uses for Walker River. (NRS 445A.425, 445A.520) The standards of water quality for the Walker River from Walker Lake to the state line are prescribed in NAC 445A.160 to 445A.169, inclusive. The beneficial uses for this area are:

1. Irrigation;
2. Watering of livestock;
3. Recreation involving contact with the water;
4. Recreation not involving contact with the water;
5. Industrial supply;
6. Municipal or domestic supply, or both;
7. Propagation of wildlife; and
8. Propagation of aquatic life, and more specifically, the species of major concern are:

(a) In the West Walker River at the state line, mountain whitefish, rainbow trout and brown trout;

(b) In Topaz Lake, rainbow trout, cutthroat trout, brown trout, kokone salmon and silver salmon;

(c) In the West Walker River from Wellington to the state line, mountain whitefish, rainbow trout and brown trout;

~~(d) In the West Walker River from its confluence with the East Walker River to Wellington, brown trout and rainbow trout;~~

~~(e) In Sweetwater Creek, mountain whitefish, brown trout, brook trout and rainbow trout;~~

~~(f) In the East Walker River at the state line, mountain whitefish, rainbow trout and brown trout;~~

~~(g) In the East Walker River from Bridge B-1475 to the state line, mountain whitefish, rainbow trout and brown trout;~~

~~(h) In the East Walker River from its confluence with the West Walker River to Bridge B-1475, brown trout and rainbow trout;~~

~~(i) In the Walker River from Weber Reservoir to the confluence of the East Walker River and West Walker River, channel catfish and largemouth bass;~~

~~(j) In the Walker River from the inlet to Walker Lake to Weber Reservoir, channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout; and~~

~~(k) In Desert Creek, brown trout, brook trout and rainbow trout.~~

~~(Added to NAC by Environmental Comm'n, eff. 9-13-85; A by R128-01, 1-18-2002)~~

~~NAC 445A.160 West Walker River at the state line. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~West Walker River~~

~~Control Point at the West Walker River at the state line. The limits of this table apply only to the West Walker River at the state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~ ~~As designated in NAC 445A.159~~ ~~(Most Stringent Use Listed First)~~
~~Temperature~~ ~~Single Value~~	~~July-Oct.: ≤22°C~~ ~~ΔT = 0°C*~~	~~Nov. Apr. : ≤13°C~~ ~~May Jun. : ≤17°C~~ ~~Jul. Oct. : ≤23°C~~ ~~ΔT ≤2°C*~~	~~Propagation of aquatic life and recreation involving contact with the water.~~
~~pH~~ ~~Single Value~~	~~-~~ ~~———~~	~~Within range~~ ~~6.5-9.0 SU~~ ~~ΔpH : ±0.5 SU Max.~~	~~Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.~~
~~Total Phosphates (as P)~~ ~~Annual Average~~	~~———~~ ~~-~~ ~~———~~	~~-~~ ~~-~~ ~~≤0.1 mg/l~~	~~Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N)~~ ~~-~~ ~~Annual Average~~ ~~Single Value~~ ~~Single Value~~	~~Total Nitrogen~~ ~~-~~ ~~-~~ ~~≤0.6 mg/l~~ ~~≤0.9 mg/l~~	~~-~~ ~~-~~ ~~-~~ ~~-~~ ~~-~~ ~~-~~ ~~-~~ ~~-~~ ~~Nitrate : ≤10 mg/l~~ ~~Nitrite : ≤.06 mg/l~~	~~Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) mg/l~~	~~———~~	~~e~~	~~Propagation of aquatic life.~~
~~Dissolved Oxygen~~ ~~Single Value~~	~~-~~ ~~——~~ ~~———~~	~~Nov. May : ≥6.0 mg/l~~ ~~Jun. Oct. : ≥5.0 mg/l~~	~~Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.~~
~~Suspended Solids~~ ~~Annual Average~~ ~~Single Value~~	~~-~~ ~~-~~ ~~≤60 mg/l~~	~~-~~ ~~-~~ ~~-~~ ~~≤80 mg/l~~	~~Propagation of aquatic life.~~
~~Turbidity~~ ~~Single Value~~	~~-~~ ~~——~~	~~-~~ ~~b~~	~~Propagation of aquatic life and municipal or domestic supply, or both.~~
~~Color~~ ~~Single Value~~	~~-~~ ~~≤26 PCU~~	~~-~~ ~~≤75 PCU~~	~~Municipal or domestic supply, or both, and propagation of aquatic life.~~

Total Dissolved Solids Annual Average Single Value	- - ≤165 mg/l ≤220 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤15 mg/l ≤20 mg/l	- - ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ≤25 mg/l	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	———	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

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a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 10, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.161 Topaz Lake. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Topaz Lake

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Control Point at Topaz Lake. The limits of this table apply at various points in Topaz Lake.

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PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C*	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C*	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ———	Within range 6.5-9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - ——— ———	- - ≤0.05 mg/l ≤0.10 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤0.6 mg/l ≤1.0 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) mg/l	———	d	Propagation of aquatic life.
Dissolved Oxygen Single Value	- ——— ———	Nov.-May: ≥6.0 mg/l June-Oct.[b]: ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Annual Average Single Value	- ≤6.0 mg/l ≤9.0 mg/l	- - ≤25 mg/l	Propagation of aquatic life.
Turbidity	-	-	Propagation of aquatic life and municipal or domestic

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Annual Average Single Value	≤3.0 NTU ≤5.0 NTU	—e	supply, or both.
Color Single Value	- ≤21 PCU	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤105 mg/l ≤120 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤7 mg/l ≤10 mg/l	- ——— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ≤25 mg/l	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	———	- - ≤8	Irrigation, and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤235	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. The dissolved oxygen standard from June to October applies only to the epilimnion.
c. Increase in turbidity must not be more than 10 NTU above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 11, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.162 West Walker River near Wellington. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
West Walker River

Control Point at the West Walker River near Wellington. The limits of this table apply from the West Walker River near Wellington to the West Walker River at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C*	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C*	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	——— ———	Within range 6.5 – 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - ≤0.07 mg/l ≤0.10 mg/l	- - ≤0.1 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤0.6 mg/l ≤1.0 mg/l	Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia	———	—e	Propagation of aquatic life.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
(as N) - mg/l			
Dissolved Oxygen Single Value	—— - ——	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- - ——	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- ——	- b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	- ——	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤175 mg/l ≤260 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤16 mg/l ≤30 mg/l	- —— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ——	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	——	- - ≤8	Irrigation, and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ——	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli - No./100ml Annual Geometric Mean Single Value	- - —— ——	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 12, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.163 West Walker River above confluence with East Walker River at Nordyke Road. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
West Walker River

Control Point at the West Walker River above the confluence with the East Walker River at Nordyke Road. The limits of this table apply to the West Walker River above its confluence with the East Walker River to the control point mentioned in NAC 445A.162 (near Wellington).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C[a]	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C[a]	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ——	Within range 6.5 - 9.0 SU	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife,

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
		ΔpH : ±0.5 SU Max.	irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - - ≤0.15 mg/l	- - ≤0.10 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤1.0 mg/l ≤1.2 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) mg/l	—	c	Propagation of aquatic life.
Dissolved Oxygen Single Value	- — —	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- —	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- —	- b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	- ≤46 PCU	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤330 mg/l ≤425 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤22 mg/l ≤28 mg/l	- — ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ≤74 mg/l	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	- —	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- —	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 13, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.164 Sweetwater Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Sweetwater Creek

Control Point at Sweetwater Creek. The limits of this table apply to Sweetwater Creek from its confluence with the East Walker River to the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C[a]	Nov-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C[a]	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ———	Within range 6.5 - 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average	——— - ———	- - ≤0.1 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrate - ≤0.25 mg/l ≤0.45 mg/l -	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	——	c	Propagation of aquatic life.
Dissolved Oxygen Single Value	- ——— ———	Nov.-May : ≥6.0 mg/l Jun.-Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- - ≤45 mg/l	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- ———	- b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	———	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤220 mg/l ≤300 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤5 mg/l ≤7 mg/l	- ——— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	——	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	- - ———	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 14, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.165 East Walker River at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
East Walker River

Control Point at the East Walker River at the state line. The limits of this table apply only to the East Walker River at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C[a]	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°Ca	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- —	Within range 6.5 - 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average	- - —	- - ≤0.1 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤0.8 mg/l ≤1.4 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) mg/l	—	e	Propagation of aquatic life.
Dissolved Oxygen Single Value	- — —	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- - ≤30 mg/l	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- —	- b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	—	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤175 mg/l ≤210 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤5 mg/l ≤7 mg/l	— - ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ≤26 mg/l	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	- - ≤2	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- —	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 16, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.1655 East Walker River at Bridge B-1475. (NRS 445A.425, 445A.520)

~~STANDARDS OF WATER QUALITY~~
~~East Walker River at Bridge B-1475~~

~~Control Point at the East Walker River at Bridge B-1475. The limits of this table apply only from the East Walker River at Bridge B-1475 to the East Walker River at the state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~ ~~As designated in NAC 445A.159~~ ~~(Most Stringent Use Listed First)~~
~~Temperature~~ ~~Single Value~~	~~ΔT = 0°C[a]~~	~~Nov. Apr. : ≤13°C~~ ~~May Jun. : ≤17°C~~ ~~Jul. Oct. : ≤23°C~~ ~~ΔT ≤2°C[a]~~	~~Propagation of aquatic life and recreation involving contact with the water.~~
~~pH~~ ~~Single Value~~	~~——~~	~~Within range 6.5 – 9.0 SU~~ ~~ΔpH : ± 0.5 SU Max.~~	~~Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.~~
~~Total Phosphates (as P)~~ ~~Annual Average~~	~~——~~ ~~——~~	~~≤0.10 mg/l~~	~~Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N)~~ ~~Annual Average~~ ~~Single Value~~ ~~Single Value~~	~~Total Nitrogen~~ ~~≤0.9 mg/l~~ ~~≤1.7mg/l~~	~~Nitrate : ≤10 mg/l~~ ~~Nitrite : ≤.06 mg/l~~	~~Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) mg/l~~	~~——~~	~~[c]~~	~~Propagation of aquatic life.~~
~~Dissolved Oxygen~~ ~~Single Value~~	~~——~~	~~Nov. May : ≥6.0 mg/l~~ ~~June Oct. : ≥5.0 mg/l~~	~~Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.~~
~~Suspended Solids~~ ~~Single Value~~	~~——~~	~~≤80 mg/l~~	~~Propagation of aquatic life.~~
~~Turbidity~~ ~~Single Value~~	~~——~~	~~[b]~~	~~Propagation of aquatic life and municipal or domestic supply, or both.~~
~~Color~~ ~~Single Value~~	~~——~~	~~≤75 PCU~~	~~Municipal or domestic supply, or both, and propagation of aquatic life.~~
~~Total Dissolved Solids~~ ~~Annual Average~~ ~~Single Value~~	~~≤320 mg/l~~ ~~≤390 mg/l~~	~~≤500 mg/l~~	~~Municipal or domestic supply, or both, irrigation and watering of livestock.~~
~~Chloride~~ ~~Annual Average~~ ~~Single Value~~	~~≤13 mg/l~~ ~~≤19 mg/l~~	~~≤250 mg/l~~	~~Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.~~
~~Sulfate~~ ~~Single Value~~	~~——~~	~~≤250 mg/l~~	~~Municipal or domestic supply, or both.~~
~~Sodium Adsorption Ratio~~ ~~Annual Average~~	~~——~~	~~≤8~~	~~Irrigation and municipal or domestic supply, or both.~~
~~Alkalinity (as $CaCO_3$)~~	~~——~~	~~less than 25% change from natural conditions~~	~~Propagation of aquatic life and propagation of wildlife.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~——~~ ~~——~~	~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water and recreation not involving contact with the water.~~

~~a. 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.~~
~~b. Increase in turbidity must not be more than 10 NTU above natural conditions.~~
~~c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

~~(Added to NAC by Environmental Comm'n by R128-01, eff. 1-18-2002; A by R099-02, 12-17-2002)~~

~~NAC 445A.166 East Walker River south of Yerington. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~East Walker River~~

~~Control Point at the East Walker River south of Yerington above the confluence with the West Walker River (Nordyke Road). The limits of this table apply to the East Walker River South of Yerington above its confluence with the West Walker River to the East Walker River at Bridge B-1475.~~

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C*	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C*	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ———	Within range 6.5 – 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - - ———	- - ≤0.16 mg/l ≤0.39 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤0.9 mg/l ≤1.7 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	e	Propagation of aquatic life.
Dissolved Oxygen Single Value	- ——— ———	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- ———	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- ———	- b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	———	— ≤75 PCU	Municipal or domestic supply, or both, propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤320 mg/l ≤390 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤13 mg/l ≤19 mg/l	- ——— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	- ≤44 mg/l	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	———	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 15, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.167 Walker River at inlet to Weber Reservoir. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Walker River

Control Point at the Walker River at the inlet to Weber Reservoir. The limits of this table apply to the Walker River from the inlet to Weber Reservoir to the confluence of the West Walker River and the East Walker River.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C[a]	Nov. Mar. : ≤13°C Apr. Jun. : ≤23°C[b] Jul. Oct. : ≤28°C ΔT ≤2°C	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- —	Within range 6.5 - 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - - —	- - ≤0.26 mg/l ≤0.40 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrogen - ≤1.2 mg/l ≤1.5 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤1[c] mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) mg/l	—	e	Propagation of aquatic life.
Dissolved Oxygen Single Value	- — —	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- - —	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- —	- d	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	—	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤400 mg/l ≤450 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤30 mg/l ≤35 mg/l	- — ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife irrigation and watering of livestock.
Sulfate Annual Average Single Value	- ≤95 mg/l ≤110 mg/l	- - ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	- - ≤3	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- —	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
E coli – No./100ml Annual Geometric Mean Single Value	-	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

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a. 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.
b. The temperature beneficial use standard is ≤21°C from February through June when Lahontan cutthroat are present in the reach from Walker Lake to Weber Reservoir.
c. 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.
d. Increase in turbidity must not be more than 10 NTU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 17, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.168 Walker River at Schurz Bridge. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Walker River

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Control Point at Schurz Bridge. The limits of this table apply from the inlet to Walker Lake to Weber Reservoir.

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- - - PARAMETER	- REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	- - WATER QUALITY STANDARDS FOR BENEFICIAL USES	- BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C[a]	Nov. Mar. : ≤13°C Apr. Jun. : ≤23°C[b] Jul. Oct. : ≤28°C ΔT ≤2°C	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ———	Within range 6.5 – 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- ———	- - ≤0.17 mg/l ≤0.23 mg/l	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value Single Value	Total Nitrogen - ≤1.2 mg/l ≤1.5 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤1 mg/l[c] Ammonia (un-ionized) : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Dissolved Oxygen Single Value	- ——— ———	Nov. May : ≥6.0 mg/l June Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids Single Value	- - ≤60 mg/l	- - ≤80 mg/l	Propagation of aquatic life.
Turbidity Single Value	- ———	- d	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	———	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average	- - ≤390 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Single Value	≤570 mg/l		
Chloride Annual Average Single Value	- ≤23 mg/l ≤34 mg/l	- ——— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	———	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	- - ≤3	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
Escherichia coli Annual Geometric Mean Single Value	- - ——— ———	- - 126 MF/100ml 235 MF/100ml	Recreation involving contact with the water, recreation not involving contact with the water, municipal or domestic supply, or both, irrigation and watering of livestock.

a. 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.
b. The temperature beneficial use standard is ≤21°C from February through June when Lahontan cutthroat trout are present.
c. The nitrite beneficial use standard is ≤0.06 mg/l from February through June when Lahontan cutthroat trout are present.
d. Increase in turbidity must not be more than 10 NTU above natural conditions.

(Added to NAC by Environmental Comm'n, eff. 9-13-85; A by R128-01, 1-18-2002)

NAC 445A.169 Desert Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Desert Creek

Control Point at Desert Creek. The limits of this table apply to Desert Creek from its confluence with the West Walker River to the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	- ΔT = 0°C*	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C*	Propagation of aquatic life and recreation involving contact with the water.
pH Single Value	- ———	Within range 6.5 9.0 SU ΔpH : ±0.5 SU Max.	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.
Total Phosphates (as P) Annual Average Single Value	- - - ≤0.13 mg/l	- - ≤0.1 mg/l -	Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with the water.
Nitrogen Species (as N) Annual Average Single Value Single Value	Total Nitrate - ≤0.20 mg/l ≤0.27 mg/l	- - - Nitrate : ≤10 mg/l Nitrite : ≤.06 mg/l	Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	e	Propagation of aquatic life.
Dissolved Oxygen Single Value	- ——— ———	Nov. May : ≥6.0 mg/l Jun. Oct. : ≥5.0 mg/l	Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with the water.
Suspended Solids	- ———	- -	Propagation of aquatic life.

Single Value		≤80 mg/l	
Turbidity Single Value	- ———	- ——b	Propagation of aquatic life and municipal or domestic supply, or both.
Color Single Value	———	- ≤75 PCU	Municipal or domestic supply, or both, and propagation of aquatic life.
Total Dissolved Solids Annual Average Single Value	- - ≤110 mg/l ≤130 mg/l	- - ≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
Chloride Annual Average Single Value	- ≤5 mg/l ≤7 mg/l	- ——— ≤250 mg/l	Municipal or domestic supply, or both, propagation of wildlife, irrigation and watering of livestock.
Sulfate Single Value	———	- ≤250 mg/l	Municipal or domestic supply, or both.
Sodium Adsorption Ratio Annual Average	———	- - ≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	- ———	less than 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	-	- - ≤126 ≤410	Recreation involving contact with the water and recreation not involving contact with the water.

a. 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.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 18, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 9-13-85; R128-01, 1-18-2002; R099-02, 12-17-2002)

NAC 445A.1693 Beneficial uses for Walker Lake. (NRS 445A.425, 445A.520) The standards of water quality for Walker Lake are prescribed in NAC 445A.1696. The beneficial uses for this area are:

1. Recreation involving contact with the water;
2. Recreation not involving contact with the water;
3. Propagation of wildlife; and
4. Propagation of aquatic life and, more specifically, the species of major concern are the tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout.

(Added to NAC by Environmental Comm'n by R129-01, eff. 1-18-2002)

NAC 445A.1696 Walker Lake. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Walker Lake

Control Point at Walker Lake. The limits of this table apply to Walker Lake.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES As designated in NAC 445A.1693 (Most Stringent Use Listed First)
Temperature[a] Single Value	- ———	- ΔT ≤2°C	Propagation of aquatic life.
pH Single Value	- ———	- Within range 6.5 – 9.7 SU	Propagation of aquatic life, recreation involving contact with the water and propagation of wildlife.
Dissolved Oxygen[b] Single Value	- ———	- ≥5 mg/l	Propagation of aquatic life, recreation involving contact with the water, recreation not involving contact with the water and propagation of wildlife.

Suspended Solids Single Value	- —	- ≤25 mg/l	Propagation of aquatic life.
Nitrogen Species (as N) Single Value Single Value	- Total Inorganic Nitrogen: ≤0.3 mg/l	- - Nitrate ≤90 mg/l Nitrite ≤0.06 mg/l	Propagation of aquatic life and propagation of wildlife.
Total Ammonia (as N) mg/l	- —	- e	Propagation of aquatic life.
Total Phosphorus (as P) Single Value	- - —	- - ≤0.82 mg/l	Propagation of aquatic life.
E coli No./100ml Annual Geometric Mean Single Value	- — —	- ≤126 ≤235	Recreation involving contact with the water and recreation not involving contact with the water.

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a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. When lake is stratified, the dissolved oxygen applies only to the epilimnion.
c. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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(Added to NAC by Environmental Comm'n by R129-01, eff. 1-18-2002; A by R099-02, 12-17-2002)

NAC 445A.170 Beneficial uses for part of Colorado River, Beaver Dam Wash and certain creeks. (NRS 445A.425, 445A.520)

1. The standards of water quality for:
(a) The Colorado River below Davis Dam are prescribed in NAC 445A.192;
(b) Chiatovich Creek in Esmeralda County are prescribed in NAC 445A.171;
(c) Indian Creek are prescribed in NAC 445A.172;
(d) Leidy Creek are prescribed in NAC 445A.173;
(e) Beaver Dam Wash are prescribed in NAC 445A.178;
(f) Snake Creek are prescribed in NAC 445A.179; and
(g) The Colorado River below Hoover Dam are prescribed in NAC 445A.193.
2. The beneficial uses for these areas are:
(a) Irrigation;
(b) Watering of livestock;
(c) Recreation involving contact with the water;
(d) Recreation not involving contact with the water;
(e) Industrial supply;
(f) Municipal or domestic supply, or both;
(g) Propagation of wildlife; and
(h) Propagation of aquatic life.
(Added to NAC by Environmental Comm'n, 7-31-85, eff. 8-1-85) (Substituted in revision for NAC 445.134355)

NAC 445A.171 Chiatovich Creek. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Chiatovich Creek

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Control Point above highway maintenance station. The limits of this table apply above the highway maintenance station.

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PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C	-	Nov. Apr. : ≤13°C	Aquatic life[b] and recreation involving contact with the

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Maximum - - ΔT*	- - - ΔT = 0°C	May-Jun. : ≤17°C Jul.-Oct. : ≤23°C - ΔT ≤2°C	water.
pH Units	- —	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	A-Avg. : ≤.04 S.V. : ≤.06	A-Avg. : ≤0.1 -	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen - : ≤.6 A-Avg. : ≤.8 S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	—	e	Aquatic life.[b]
d Dissolved Oxygen – mg/l	- — —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	- —	S.V. : ≤25	Aquatic life.[b]
Turbidity – NTU	—	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	—	e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids – mg/l	A-Avg. : ≤50 S.V. : ≤60	A-Avg. : ≤500 —	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides – mg/l	A-Avg. : ≤2 S.V. : ≤3	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate – mg/l	A-Avg. : ≤4 S.V. : ≤5	- S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A-Avg. : ≤1	A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform No./100ml	A.G.M. : ≤100 S.V. : ≤200	- ≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Increase in color must not be more than 10 PCU above natural conditions.
d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 19, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.172 Indian Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Indian Creek

Control Point near center of Section 9, T.2 S., R.34 E. The limits of this table apply above the center of Section 9, T.2 S., R 34 E.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum - - ΔT[a]	- - - - ΔT = 0°C	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C - ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	- ———	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	- S.V. : ≤0.13	A Avg. : ≤0.1 ———	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Nitrate - S.V. : ≤0.45	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	e	Aquatic life.[b]
- Dissolved Oxygen – mg/l	- ——— ———	S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0 -	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	- ———	- S.V. : ≤25	Aquatic life.[b]
Turbidity – NTU	———	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	———	e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids – mg/l	A Avg. : ≤225 S.V. : ≤300	A Avg. : ≤500 ———	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides – mg/l	A Avg. : ≤6 S.V. : ≤10	——— S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate – mg/l	———	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	———	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- ———	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤100 S.V. : ≤200	- ≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Increase in color must not be more than 10 PCU above natural conditions.
d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 20, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.173 Leidy Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Leidy Creek

Control Point at hydroelectric plant. The limits of this table apply above the hydroelectric plant.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C-Maximum ΔT*	ΔT = 0°C	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.		Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	A Avg. : ≤.013 S.V. : ≤.03	A Avg. : ≤0.1	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Nitrate A Avg. : ≤0.18 S.V. : ≤0.22	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife[b] and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l		e	Aquatic life.[b]
Dissolved Oxygen – mg/l	S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0		Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	S.V. : ≤25		Aquatic life.[b]
Turbidity – NTU	S.V. : ≤10		Aquatic life[b] and municipal or domestic supply.
Color – PCU		e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids – mg/l	A Avg. : ≤135 S.V. : ≤150	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides – mg/l	A Avg. : ≤3 S.V. : ≤5	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate – mg/l		S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR		A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform-No./100ml	A.G.M. : ≤100 S.V. : ≤200	≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value		≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Increase in color must not be more than 10 PCU above natural conditions.
d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 21, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.174 Beneficial uses for Virgin River, Meadow Valley Wash and part of Muddy River. (NRS 445A.425, 445A.520) The standards of water quality for the Virgin River, Muddy River below Glendale and Meadow Valley Wash are prescribed in NAC 445A.175, 445A.176, 445A.177, 445A.211 and 445A.212. The beneficial uses for these areas are:

1. Irrigation;
2. Watering of livestock;
3. Recreation not involving contact with the water;
4. Industrial supply;
5. Propagation of wildlife; and
6. Propagation of aquatic life.

(Added to NAC by Environmental Comm'n, 7-31-85, eff. 8-1-85) (Substituted in revision for NAC 445.13439)

NAC 445A.175 Virgin River at Mesquite. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

Control Point at Mesquite. The limits of this table apply from Mesquite to the Arizona state line (near Littlefield, Arizona).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	ΔT = 0°C	Nov. Jun. : ≤21°C Jul. Oct. : ≤32°C ΔT ≤2°C	Aquatic life.[b]
pH Units	—	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock and industrial supply.
Total Phosphates (as P) – mg/l	—	A Avg. : ≤0.1	Aquatic life[b] and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen A Avg. : ≤0.9 S.V. : ≤1.6	Nitrate S.V. : ≤90 Nitrite S.V. : ≤5.0	Aquatic life,[b] watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	—	f	Aquatic life.[b]
Dissolved Oxygen – mg/l	—	S.V. : ≥5.0	Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife and watering of livestock.
Turbidity – NTU	—	e	Aquatic life.[b]
Color – PCU	—	d	Aquatic life.[b]
Total Dissolved Solids – mg/l	—	c	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l	—	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤300 S.V. : ≤550	A.G.M. : ≤1000 S.V. : ≤2000	Recreation not involving contact with the water,[b] irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean	—	≤630	Recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. Increase in turbidity must not be more than 10 NTU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 22, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.176 Virgin River at the state line near Littlefield. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

Control Point at the state line (near Littlefield, Arizona). The limits of this table apply at the Arizona-Nevada state line (near Littlefield, Arizona).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	ΔT = 0°C	Nov. Jun. : ≤21°C Jul. Oct. : ≤32°C ΔT ≤2°C	Aquatic life.[b]
pH Standard Units		S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock and industrial supply.
Total Phosphates (as P) – mg/l	A-Avg. : ≤.06 S.V. : ≤0.1	A-Avg. : ≤0.1	Aquatic life[b] and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen A-Avg. : ≤2.4 S.V. : ≤3.2	Nitrate S.V. : ≤90 Nitrite S.V. : ≤5.0	Aquatic life,[b] watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l		f	Aquatic life.[b]
Dissolved Oxygen – mg/l		S.V. : ≥5.0	Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife and watering of livestock.
Turbidity – NTU		e	Aquatic life.[b]
Color – PCU		d	Aquatic life.[b]
Total Dissolved Solids – mg/l		e	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤450 S.V. : ≤1800	A.G.M. : ≤1000 S.V. : ≤2000	Recreation not involving contact with the water,[b] irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean		≤630	Recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. Increase in turbidity must not be more than 10 NTU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 22.1, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.177 Virgin River at Riverside. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

Control Point at Riverside. The limits of this table apply from the river mouth at Lake Mead to Mesquite.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C		Nov. Jun. : ≤21°C	Aquatic life.[b]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Maximum ΔT[a]	 ΔT = 0°C	Jul. Oct. : ≤32°C ΔT ≤2°C	
pH Units	——	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock and industrial supply.
Total Phosphates (as P) – mg/l	——	A Avg. : ≤0.1	Aquatic life[b] and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen A Avg. : ≤2.9 S.V. : ≤6.1	Nitrate S.V. : ≤90 Nitrite S.V. : ≤5.0	Aquatic life[b] watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	——	f	Aquatic life.[b]
Dissolved Oxygen – mg/l	——	S.V. : ≥5.0	Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife and watering of livestock.
Turbidity – NTU	——	e	Aquatic life.[b]
Color – PCU	——	d	Aquatic life.[b]
Total Dissolved Solids – mg/l	——	e	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l	——	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤625 S.V. : ≤1250	A.G.M. : ≤1000 S.V. : ≤2000	Recreation not involving contact with the water,[b] irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean	——	≤630	Recreation not involving contact with the water.[b]

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. Increase in turbidity must not be more than 10 NTU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 22.2, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.178 Beaver Dam Wash. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Beaver Dam Wash

Control Point above Schroeder Reservoir. The limits of this table apply above Schroeder Reservoir.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	 ΔT = 0°C	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	——	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates	A Avg. : ≤.01	A Avg. : ≤0.05	Aquatic life,[b] recreation involving contact with the

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
(as P) - mg/l	S.V. : ≤.013		water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Nitrate - S.V. : ≤.22	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l		f	Aquatic life.[b]
Dissolved Oxygen - mg/l		S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l		S.V. : ≤25	Aquatic life.[b]
Turbidity - NTU		S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU		e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids - mg/l		e	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml		≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value		≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
e. Increase in color must not be more than 10 PCU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 23, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.179 Snake Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Snake Creek

Control Point above fish hatchery. The limits of this table apply above the fish hatchery.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - Maximum ΔT[a]	ΔT = 0°C	Nov. Apr. : ≤13°C May Jun. : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units		S.V. : 6.5 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Total Phosphates (as P) - mg/l	A-Avg. : ≤.05 S.V. : ≤.08	A-Avg. : ≤0.1	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Nitrate - A-Avg. : ≤.22 S.V. : ≤.44	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	—	e	Aquatic life.[b]
Dissolved Oxygen - mg/l	- — —	S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids - mg/l	—	S.V. : ≤25	Aquatic life.[b]
Turbidity - NTU	—	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	—	e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids - mg/l	A-Avg. : ≤100 S.V. : ≤125	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A-Avg. : ≤10 S.V. : ≤20	— S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	—	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	—	A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	- —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	A.G.M. : ≤100 S.V. : ≤200	- ≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.
b. The most restrictive beneficial use.
c. Increase in color must not be more than 10 PCU above natural conditions.
d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 24, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.180 Smoke Creek. (NRS 445A.425, 445A.520)

WATER QUALITY STANDARDS
Smoke Creek

Control Point: Approximately 30 miles east of Susanville, California.

Temperature °C

Single Value, Summer..... not more than..... 25.0
Single Value, Winter..... not more than..... 14.0

Maximum allowable temperature increase above natural receiving water temperature: ..... 3°C

~~pH Units~~

~~Annual Median..... within range.... 7.0-8.0~~

~~Single Value..... within range.... 6.5-8.5~~

~~Dissolved Oxygen - mg/l~~

~~Average (June through September)..... not less than..... 8.0~~

~~Single Value..... not less than..... 7.5~~

~~BOD - mg/l~~

~~Single Value..... not more than..... 5.0~~

~~Chlorides - mg/l~~

~~Single Value..... not more than..... 10.0~~

~~Phosphates (PO_4) - mg/l~~

~~Annual Average..... not more than..... 0.5~~

~~Single Value..... not more than..... 0.7~~

~~Nitrates (NO_3) - mg/l~~

~~Single Value..... not more than..... 5.0~~

~~Total Dissolved Solids - mg/l~~

~~Annual Average..... not more than..... 225.0~~

~~Single Value..... not more than..... 275.0~~

~~Color - Color must not exceed that characteristic of natural conditions by more than 10 units on the Platinum-Cobalt Scale.~~

~~Turbidity - Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson Units.~~

~~Fecal Coliform - The more stringent of the following apply:~~

~~The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.~~

~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 36, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (Substituted in revision for NAC 445.1346)~~

~~NAC 445A.181 Bronco Creek. (NRS 445A.425, 445A.520)~~

~~WATER QUALITY STANDARDS~~
~~Bronco Creek~~

~~Control Point: At Hirschdale Road.~~

~~Temperature °C~~

~~Average (June through September)..... not more than..... 20.0~~

~~Single Value, Summer..... not more than..... 25.0~~
~~Single Value, Winter..... not more than..... 13.0~~

~~Maximum allowable temperature increase above natural receiving water temperature:..... none~~

~~pH Units~~
~~Annual Median..... within range.... 7.0-8.5~~
~~Single Value..... within range.... 6.5-8.5~~

~~Dissolved Oxygen - mg/l~~
~~Average (June through September)..... not less than..... 7.0~~
~~Single Value..... not less than..... 6.0~~

~~Chlorides - mg/l~~
~~Single Value..... not more than..... 15.0~~

~~Phosphates (PO_4) - mg/l~~
~~Annual Average..... not more than..... 0.3~~
~~Single Value..... not more than..... 0.4~~

~~Nitrates (NO_3) - mg/l~~
~~Single Value..... not more than..... 2.0~~

~~Total Dissolved Solids - mg/l~~
~~Annual Average..... not more than..... 225.0~~
~~Single Value..... not more than..... 300.0~~

~~Color - Color must not exceed that characteristic of natural conditions by more than 10 units on the Platinum-Cobalt Scale.~~

~~Turbidity - Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson Units.~~

~~Fecal Coliform - The more stringent of the following apply:~~

~~The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.~~

~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 37, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (Substituted in revision for NAC 445.13461)~~

~~NAC 445A.182 Gray Creek. (NRS 445A.425, 445A.520)~~

~~WATER QUALITY STANDARDS~~
~~Gray Creek~~

~~Control Point: At Hirschdale Road.~~

~~Temperature °C~~

~~Average (June through September)..... not more than..... 20.0~~
~~Single Value, Summer..... not more than..... 25.0~~
~~Single Value, Winter..... not more than..... 13.0~~

~~Maximum allowable temperature increase above natural receiving water temperature:..... none~~

~~pH Units~~
~~Annual Median..... within range.... 7.0-8.5~~
~~Single Value..... within range.... 6.5-8.5~~

~~Dissolved Oxygen - mg/l~~
~~Average (June through September)..... not less than..... 8.0~~
~~Single Value..... not less than..... 7.0~~

~~Chlorides - mg/l~~
~~Single Value..... not more than..... 10.0~~

~~Phosphates (PO_4) - mg/l~~
~~Annual Average..... not more than..... 0.3~~
~~Single Value..... not more than..... 0.4~~

~~Nitrates (NO_3) - mg/l~~
~~Single Value..... not more than..... 3.0~~

~~Total Dissolved Solids - mg/l~~
~~Annual Average..... not more than..... 125.0~~
~~Single Value..... not more than..... 165.0~~

~~Color - Color must not exceed that characteristic of natural conditions by more than 10 units on the Platinum-Cobalt Scale.~~

~~Turbidity - Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson Units.~~

~~Fecal Coliform - The more stringent of the following apply:~~

~~The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.~~

~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 38, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (Substituted in revision for NAC 445.13462)~~

~~NAC 445A.183 Beneficial uses for Truckee River from Pyramid Lake to the state line. (NRS 445A.425, 445A.520) The water quality standards for the Truckee River from Pyramid Lake to the state line are prescribed in NAC 445A.184 to 445A.190, inclusive. The beneficial uses for this area are:~~
~~1. Irrigation;~~
~~2. Watering of livestock;~~
~~3. Recreation involving contact with the water;~~

~~4. Recreation not involving contact with water;~~
~~5. Industrial supply;~~
~~6. Municipal or domestic supply, or both;~~
~~7. Propagation of wildlife; and~~
~~8. Propagation of aquatic life. The aquatic life of major concern are:~~
~~(a) At the state line, all life stages of mountain whitefish, rainbow trout and brown trout.~~
~~(b) From the state line to Idlewild, all life stages of mountain whitefish, rainbow trout and brown trout.~~
~~(c) From Idlewild to East McCarran, all life stages of mountain whitefish, rainbow trout and brown trout.~~
~~(d) From East McCarran to Lockwood, juvenile and adult rainbow trout and juvenile and adult brown trout.~~
~~(e) From Lockwood to Derby, juvenile and adult rainbow trout and juvenile and adult brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August.~~
~~(f) From Derby to Wadsworth, early spawning Lahontan cutthroat trout and their incubation, larvae, juveniles and migration, from May through June, depending on hydrological conditions.~~
~~(g) From Wadsworth to Pyramid Lake, early spawning Lahontan cutthroat trout and cui-ui, and their incubation, larvae, juveniles and migration, from May through June, depending on hydrological conditions.~~
~~(Added to NAC by Environmental Comm'n, eff. 10-25-84; A 9-25-90; 10-29-93) (Substituted in revision for NAC 445.134625)~~

~~NAC 445A.184 Truckee River at the state line. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Truckee River~~

~~Control Point at the state line. The limits of this table apply only at the California-Nevada state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ ~~ΔT[a]~~	~~ΔT = 0°C~~	~~Nov. Mar. : ≤7°C~~ ~~Apr. May : ≤13°C~~ ~~June : ≤17°C~~ ~~July : ≤22°C~~ ~~Aug. : ≤21°C;~~ ~~Sep. Oct. ≤23°C~~ ~~ΔT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.0 - 8.3~~	~~S.V. : 6.5 - 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Dissolved Oxygen - mg/l~~	~~-~~	~~S.V. :~~ ~~Nov. Mar. : ≥6.0~~ ~~Apr. Oct. : ≥5.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Chlorides - mg/l~~	~~A Avg. : ≤7.0~~ ~~S.V. : ≤10.0~~	~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Total Phosphates (as P) - mg/l~~	~~A Avg. : ≤0.03~~	~~A Avg. : ≤0.10~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Ortho Phosphate (P) - mg/l~~	~~S.V. : ≤0.01~~	~~S.V. : ≤0.05~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) - mg/l~~	~~Total Nitrogen A Avg. : ≤0.3~~	~~Nitrate S.V. : ≤2.0~~ ~~Nitrite S.V. : ≤.04~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~

	S.V. : ≤0.43		
Total Ammonia (as N) – mg/l	—	e	Aquatic life.[b]
Total Dissolved Solids – mg/l	A Avg. : ≤70.0 S.V. : ≤85.0	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Turbidity – NTU	A Avg. : ≤5.0 S.V. : ≤9.0	S.V. : ≤10.00	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤30.0 S.V. : ≤150.0	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Suspended Solids – mg/l	A Avg. : ≤15.0	S.V. : ≤25	Aquatic life.[b]
Sulfate – mg/l	A Avg. : ≤7.0 S.V. : ≤8.0	- - S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A Avg. : ≤0.5 S.V. : ≤0.6	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
BOD – mg/l	—	A Avg. : ≤2.5 S.V. : ≤3.0	Municipal or domestic supply. -

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a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 39, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.185 Truckee River at Idlewild. (NRS 445A.425, 445A.520)

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STANDARDS OF WATER QUALITY
Truckee River

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Control Point at Idlewild. The limits of this table apply from the control point at Idlewild to the state line control point.

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- - - PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C – Maximum - - - - ΔT*	- - - - - ΔT = 0°C	Nov.-Mar. : ≤7°C Apr.-May : ≤13°C June : ≤17°C July : ≤21°C Aug. : ≤22°C Sep.-Oct. : ≤23°C ΔT ≤2°C -	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.2 – 8.3	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	—	S.V. : Nov.-Mar. : ≥6.0:	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock,

		Apr. Oct. : ≥5.0	municipal or domestic supply and recreation not involving contact with the water.
Chlorides - mg/l	A Avg. : ≤7.0 S.V. : ≤10.0	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphates (as P) - mg/l	A Avg. : ≤0.05	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Ortho Phosphate (P) - mg/l	S.V. : ≤0.02	S.V. : ≤0.05	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	Total Nitrogen : ≤0.3 A Avg. : ≤0.43 S.V.	Nitrate S.V. : ≤2.0 Nitrite S.V. : ≤.04	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	—	e	Aquatic life.[b]
Total Dissolved Solids - mg/l	A Avg. : ≤80.0 S.V. : ≤95.0	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Turbidity - NTU	A Avg. : ≤6.0 S.V. : ≤9.0	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	A.G.M. : ≤50.0 S.V. : ≤200.0	≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value		≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Suspended Solids - mg/l	A Avg. : ≤15.0	S.V. : ≤25	Aquatic life.[b]
Sulfate - mg/l	A Avg. : ≤7.0 S.V. : ≤8.0	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium - SAR	A Avg. : ≤0.5 S.V. : ≤0.6	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
BOD mg/l	—	A Avg. : ≤2.5 S.V. : ≤3.0	Municipal or domestic supply.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 40, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.186 Truckee River at East McCarran. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

Control Point at East McCarran Boulevard Bridge. The limits of this table apply from the East McCarran control point to the Idlewild control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C		Nov. Mar. : ≤7°C	Aquatic life[b] and recreation involving contact with the

Maximum - - - - ΔT[a]	- - - - - ΔT = 0°C	Apr. May : ≤13°C June : ≤17°C July : ≤21°C Aug. : ≤22°C Sep. Oct. : ≤23°C ΔT ≤2°C	water.
pH Units	7.0 – 8.5	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	—	S.V. : Nov. Mar. : ≥6.0 Apr. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides – mg/l	A Avg. : ≤7.0 S.V. : ≤10.0	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphates (as P) – mg/l	A Avg. : ≤0.05	A Avg. : ≤0.10	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Ortho Phosphate (P) – mg/l	S.V. : ≤0.02	S.V. : ≤0.05	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen - : ≤0.3 A Avg. : ≤0.43 S.V.	Nitrate S.V. : ≤2.0 Nitrite S.V. : ≤.04	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	—	e	Aquatic life.[b]
Total Dissolved Solids – mg/l	A Avg. : ≤90.0 S.V. : ≤120.0	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Turbidity – NTU	A Avg. : ≤6.0	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤75.0 S.V. : ≤350.0	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Suspended Solids – mg/l	A Avg. : ≤15.0	S.V. : ≤25	Aquatic life.[b]
Sulfate – mg/l	A Avg. : ≤7.0 S.V. : ≤8.0	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A Avg. : ≤0.5 S.V. : ≤0.6	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.
BOD – mg/l	—	A Avg. : ≤3.0 S.V. : ≤5.0	Municipal or domestic supply. -

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a. 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.

b. The most restrictive beneficial use.

c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

d. Increase in color must not be more than 10 PCU above natural conditions.

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

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[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 41, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.187 Truckee River at Lockwood Bridge. (NRS 445A.425, 445A.520)

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~~Truckee River~~

~~Control Point at Lockwood Bridge. The limits of this table apply from the control point at Lockwood to the East McCarran control point.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ ~~ΔT[a]~~	~~ΔT = 0°C~~	~~Nov. Mar. : ≤13°C~~ ~~Apr. : ≤21°C[e]~~ ~~May : ≤22°C[e,f]~~ ~~June Oct. : ≤23°C[e,f]~~ ~~ΔT ≤2°C~~	~~Aquatic life[b] and recreation involving contact with the water.~~
~~pH Units~~	~~7.1 8.5~~	~~S.V. : 6.5 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Dissolved Oxygen mg/l~~	~~—~~	~~S.V. :~~ ~~Nov. Mar. : ≥6.0~~ ~~Apr. Oct. : ≥5.0~~	~~Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Chlorides mg/l~~	~~A Avg. : ≤26.0~~ ~~S.V. : ≤30.0~~	~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Total Phosphates (as P) mg/l~~	~~—~~	~~A Avg. : ≤0.05~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen Species (N) mg/l~~	~~—~~	~~TN A Avg. : ≤0.75~~ ~~TN S.V. : ≤1.2~~ ~~Nitrate S.V. : ≤2.0~~ ~~Nitrite S.V. : ≤.04~~	~~Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.~~
~~Total Ammonia (as N) mg/l~~	~~—~~	~~g~~	~~Aquatic life.[b]~~
~~Total Dissolved Solids mg/l~~	~~A Avg. : ≤210.0~~ ~~S.V. : ≤260.0~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Turbidity NTU~~	~~—~~	~~S.V. : ≤10~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color PCU~~	~~d~~	~~S.V. : ≤75~~	~~Municipal or domestic supply.~~
~~Alkalinity (as $CaCO_3$) mg/l~~	~~—~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform No./100ml~~	~~A.G.M. : ≤90.0~~ ~~S.V.: : ≤300.0~~	~~≤200/400[c]~~	~~Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~—~~ ~~—~~	~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Suspended Solids mg/l~~	~~A Avg. : ≤25.0~~	~~S.V. : ≤50~~	~~Aquatic life.[b]~~
~~Sulfate mg/l~~	~~A Avg. : ≤39.0~~ ~~S.V. : ≤46.0~~	~~S.V. : ≤250~~	~~Municipal or domestic supply.[b]~~
~~Sodium SAR~~	~~A Avg. : ≤1.5~~ ~~S.V. : ≤2.0~~	~~A Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~

~~a. 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.~~

~~b. The most restrictive beneficial use.~~

~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~

~~d. Increase in color must not be more than 10 PCU above natural conditions.~~

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

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

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

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 42, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.188 Truckee River at Derby Dam. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

Control Point at Derby Dam. The limits of this table apply from Derby Dam to the Lockwood Bridge control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT*	ΔT = 0°C	Nov. Mar. : ≤13°C Apr. : ≤21°C[e] May : ≤22°C[e,f] June Oct. : ≤23°C[e,f] ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.0 – 8.6	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	—	S.V. : Nov. Mar. : ≥6.0 Apr. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides – mg/l	A Avg. : ≤21.0 S.V. : ≤30.0	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphates (as P) – mg/l	—	A Avg. : ≤0.05	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	—	TN A Avg. : ≤0.75 TN S.V. : ≤1.2 Nitrate S.V. : ≤2.0 Nitrite S.V. : ≤.04	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	—	g	Aquatic life,[b]
Total Dissolved Solids – mg/l	A Avg. : ≤215.0 S.V. : ≤265.0	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Turbidity – NTU	A Avg. : ≤8.0	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	—	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤80.0 S.V. : ≤250	≤200/400[e]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	— —	≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Suspended Solids – mg/l	A Avg. : ≤24.0 S.V. : ≤40.0	S.V. : ≤50	Aquatic life.[b]
Sulfate – mg/l	A Avg. : ≤39.0 S.V. : ≤46.0	S.V. : ≤250	Municipal or domestic supply.[b]
Sodium – SAR	A Avg. : ≤1.5 S.V. : ≤2.0	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. 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.
b. The most restrictive beneficial use.

c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

d. Increase in color must not be more than 10 PCU above natural conditions.

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

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

g. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 42.1, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.189 Truckee River at Wadsworth Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

Control Point at Wadsworth Gage. The limits of this table apply from the Wadsworth Gage control point to Derby Dam.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	- - - ΔT = 0°C	Nov. Mar. : ≤13°C[e] Apr. June : ≤14°C[e] July Oct. : ≤25°C[f] ΔT ≤2°C -	Aquatic life[b] and recreation involving contact with the water.
pH Units	7.1 – 8.6	S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	———	S.V. : Nov. June : ≥6.0 July Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides – mg/l	A Avg. : ≤20.0 S.V. : ≤28.0	- S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphates (as P) – mg/l	———	A Avg. : ≤0.05	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	———	TN A Avg. : ≤0.75 TN S.V. : ≤1.2 Nitrate S.V. : ≤2.0 Nitrite S.V. : ≤.04	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	g	Aquatic life.[b]
Total Dissolved Solids – mg/l	A Avg. : ≤245.0 S.V. : ≤310.0	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Turbidity – NTU	———	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) – mg/l	- ———	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤50 S.V. : ≤250	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Suspended Solids – mg/l	A Avg. : ≤25.0	S.V. : ≤50	Aquatic life.[b]
Sulfate – mg/l	A Avg. : ≤39.0 S.V. : ≤46.0	S.V. : ≤250	Municipal or domestic supply.[b]

Sodium - SAR	A Avg. : ≤1.5 S.V. : ≤2.0	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. 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.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. 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.
f. The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.
g. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 43, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93; R099-02, 12-17-2002)

NAC 445A.190 Truckee River at Pyramid Lake. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

Control Point at Pyramid Lake. The limits of this table apply from the mouth of the Truckee River at Pyramid Lake to the Wadsworth Gage control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	AT = 0°C	Nov. Mar.: ≤13°C[e] Apr. June: ≤14°C[e] July Oct.: ≤25°C[f] ΔT ≤2°C	Aquatic life[b] and water contact recreation.
pH Units	7.3 – 9.0	S.V.: 6.5 – 9.0 ΔpH: ±0.5 Max.	Water contact recreation,[b] wildlife propagation,[b] aquatic life, irrigation, stock watering, municipal or domestic supply and industrial supply.
Dissolved Oxygen - mg/l	———	S.V.: Nov. June: ≥6.0 July Oct.: ≥5.0	Aquatic life,[b] water contact recreation, wildlife propagation, stock watering, municipal or domestic supply and noncontact recreation.
Chlorides - mg/l	A Avg.: ≤105.0 S.V.: ≤130.0	S.V.: ≤250	Municipal or domestic supply,[b] wildlife propagation, irrigation and stock watering.
Total Phosphates (as P) - mg/l	———	A Avg.: ≤0.05	Aquatic life,[b] water contact recreation,[b] municipal or domestic supply and noncontact recreation.
Nitrogen Species (N) - mg/l	———	TN A Avg.: ≤0.75 TN S.V.: ≤1.2 Nitrate S.V.: ≤2.0 Nitrite S.V.: ≤.04 Ammonia S.V.: ≤.02 (un-ionized)	Aquatic life,[b] water contact recreation,[b] municipal or domestic supply and noncontact recreation.
Total Dissolved Solids - mg/l	A Avg.: ≤415.0	A Avg.: ≤500	Municipal or domestic supply,[b] irrigation and stock watering.
Turbidity - NTU	———	S.V.: ≤10	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V.: ≤75	Municipal or domestic supply.
Alkalinity (as $CaCO_3$) - mg/l	———	less than 25% change from natural conditions	Aquatic life[b] and wildlife propagation.
Fecal Coliform - No./100ml	A.G.M.: ≤40 S.V.: ≤250	≤200/400[c]	Water contact recreation,[b] noncontact recreation, municipal or domestic supply, irrigation, wildlife propagation and stock watering.
Suspended Solids - mg/l	A Avg.: ≤25.0	S.V.: ≤50	Aquatic life.[b]
Sulfate - mg/l	A Avg.: ≤85.0 S.V.: ≤106.0	S.V.: ≤250	Municipal or domestic supply.[b]

~~Sodium - SAR~~	~~A Avg.: ≤2.4~~ ~~S.V.: ≤2.9~~	~~A Avg.: ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~

~~a. 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.~~
~~b. The most restrictive beneficial use.~~
~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. 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.~~
~~f. The desired temperature for the protection of juvenile Lahontan cutthroat trout is 21°C, even though that temperature is not attainable at all times.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 43.1, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 10-25-84; 10-29-93) (Substituted in revision for NAC 445.13471)~~

~~NAC 445A.1905 Beneficial uses for Lake Tahoe. (NRS 445A.425, 445A.520) The standards of water quality for Lake Tahoe are prescribed in NAC 445A.191. The beneficial uses for this area are:~~
~~1. Irrigation;~~
~~2. Watering of livestock;~~
~~3. Recreation not involving contact with the water;~~
~~4. Recreation involving contact with the water;~~
~~5. Industrial supply;~~
~~6. Propagation of wildlife;~~
~~7. Propagation of aquatic life, including a coldwater fishery;~~
~~8. Municipal or domestic supply, or both; and~~
~~9. Water of extraordinary ecological or aesthetic value.~~
~~(Added to NAC by Environmental Comm'n, eff. 11-9-95)~~

~~NAC 445A.191 Lake Tahoe. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Lake Tahoe~~

~~Control Point: Existing sampling points.~~

~~pH Units~~
~~Single Value..... within range... 7.0-8.4~~

~~Dissolved Oxygen - Percent of Saturation~~
~~Single Value..... not less than..... 90.0~~

~~Chlorides - mg/l~~
~~Annual Average..... not more than..... 3.0~~
~~Single Value..... not more than..... 5.0~~

~~Soluble Phosphorus - µg/l~~
~~Annual Average..... not more than..... 7.0~~

~~Total Nitrogen (as N) - mg/l~~

~~Annual Average..... not more than..... 0.25~~

~~Single Value..... not more than..... 0.32~~

~~Total Soluble Inorganic Nitrogen - µg/l~~

~~Annual Average..... not more than..... 25.0~~

~~Nitrite (as N) - mg/l~~

~~Single Value..... not more than..... 0.06~~

~~Ammonia-unionized - mg/l~~

~~Single Value..... not more than..... 0.003~~

~~Escherichia Coli - No./100ml~~

~~Single Value..... not more than..... 126.0~~

~~Coliform Organisms - MPN/100ml~~

~~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~~

~~Temperature °C~~

~~Single Value (October 1 through May 31)..... not more than..... 10.0~~

~~Single Value (June 1 through September 30)..... not more than..... 20.0~~

~~Permissible temperature increase above natural receiving water temperature..... none~~

~~Algal Growth Potential - 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.~~

~~Plankton Count - number per ml~~

~~Average (June through September)..... not to exceed..... 100.0~~

~~Single Value..... not to exceed..... 500.0~~

~~Specific Electrical Conductance micromhos per cm at 20°~~

~~Annual Average..... not to exceed..... 95.0~~

~~Single Value..... not to exceed..... 105.0~~

~~Total Dissolved Solids - mg/l~~

~~Annual Average..... not more than..... 60.0~~

~~Single Value..... not more than..... 70.0~~

~~Sulfate - mg/l~~

~~Single Value..... not more than..... 2.0~~

~~Sodium - SAR~~

~~Annual Average..... not more than..... 8.0~~

~~Clarity - 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.~~

~~Turbidity - 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.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 44, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 11-9-95)~~

~~NAC 445A.1912 Beneficial uses for tributaries to Lake Tahoe. (NRS 445A.425, 445A.520) The standards of water quality for tributaries to Lake Tahoe are prescribed in NAC 445A.1915 and 445A.1917. The beneficial uses for those tributaries are:~~

~~1. Irrigation;~~

~~2. Watering of livestock;~~

~~3. Recreation not involving contact with the water;~~

~~4. Recreation involving contact with the water;~~

~~5. Industrial supply;~~

~~6. Propagation of wildlife;~~

~~7. Propagation of aquatic life, including a coldwater fishery;~~

~~8. Municipal or domestic supply, or both; and~~

~~9. Enhancement of water quality.~~

~~(Added to NAC by Environmental Comm'n, eff. 11-9-95)~~

~~NAC 445A.1915 Tributaries to Lake Tahoe. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~

~~Lake Tahoe Tributaries~~

~~The following standards apply to all tributaries to Lake Tahoe located in Nevada:~~

~~pH Units~~

~~Single Value..... within range... 6.5-9.0~~

~~Dissolved Oxygen - mg/l~~

~~Single Value..... not less than..... 6.0~~

~~Total Phosphates (as P) - mg/l~~

~~Annual Average..... not more than..... 0.05~~

~~Nitrate (as N) - mg/l~~

~~Single Value..... not more than..... 10.0~~

~~Nitrite (as N) - mg/l~~

~~Single Value..... not more than..... 0.06~~

~~Ammonia-unionized - mg/l~~

~~Single Value..... not more than..... 0.004~~

~~Total Suspended Solids - mg/l~~

~~Single Value..... not more than..... 25.0~~

~~Turbidity - NTU~~

~~Single Value..... not more than..... 10.0~~

~~Color - PCU~~

~~Single Value..... not more than..... 75.0~~

~~Total Dissolved Solids - mg/l~~

~~Annual Average..... not more than..... 500.0~~

~~Chloride - mg/l~~

~~Single Value..... not more than..... 250.0~~

~~Sulfate - mg/l~~

~~Single Value..... not more than..... 250.0~~

~~Sodium - SAR~~

~~Annual Average..... not more than..... 8.0~~

~~Escherichia Coli - No./100ml~~

~~Single Value..... not more than..... 126.0~~

~~Temperature °C~~

~~Single Value (October 1 through May 31) ..... not more than..... 10.0~~

~~Single Value (June 1 through September 30) ..... not more than..... 20.0~~

~~(Added to NAC by Environmental Comm'n, eff. 11-9-95)~~

NAC 445A.1917 Standards to maintain higher quality waters within tributaries to Lake Tahoe. (NRS 445A.425, 445A.520) The water quality of any tributary to Lake Tahoe which is higher than any applicable standard must be maintained at that higher quality. The following requirements to maintain existing higher quality waters apply at the following control points:

STANDARDS TO MAINTAIN HIGHER QUALITY WATERS WITHIN LAKE TAHOE TRIBUTARIES

Control Point	pH (Standard Units)	Total Phosphates (as P) – mg/l	Total Nitrogen (as N) – mg/l	Chloride, Dissolved, mg/l	Total Dissolved Solids, mg/l	Total Suspended Solids, mg/l	Turbidity, NTU	Color, PCU
E. Fork Incline Cr. at Ski Incline *a	SV: 7.0-7.9	- -	SV: 1.1 AA: 0.4	SV: 4.0 AA: 2.0	SV: 70 AA: 55	- -	- -	no increase > 10
W. Fork Incline C. at State Hwy. 431 *b	SV: 7.0-8.0	- -	SV: 0.9 AA: 0.5	SV: 6.0 AA: 5.0	SV: 80 AA: 80	SV: N/A AA: 8.0	SV: 3.0 AA: 20	no increase > 10
Incline Creek at Lakeshore Drive *c	SV: 7.0-8.3	- -	SV: 1.8 AA: 1.2	SV: 8.0 AA: 6.0	SV: 85 AA: 70	- -	- -	no increase > 10
E. Fork Third Cr. at State Hwy. 431 *d	SV: 7.0-8.0	SV: AA: 0.045	SV: 0.5 AA: 0.3	SV: 5.0 AA: 3.0	SV: 80 AA: 65	SV: N/A AA: 20.0	SV: 3.0 AA: 2.0	no increase > 10
Third Creek at Lakeshore Drive *e	SV: 7.0-8.4	- -	SV: 1.4 AA: 1.0	SV: 5.0 AA: 4.0	SV: 75 AA: 55	- -	- -	no increase > 10
Wood Creek at Lakeshore Drive *f	SV: 7.0-8.2	- -	SV: 0.7 AA: 0.5	SV: 5.0 AA: 3.0	SV: 70 AA: 60	- -	- -	no increase > 10
Second Creek at Second Creek Dr. *g	SV: 7.0-8.0	- -	SV: 0.3 AA: 0.2	SV: 5.0 AA: 3.0	SV: 70 AA: 65	- -	- -	no increase > 10
Second Creek at Lakeshore Drive *h	SV: 7.0-8.2	- -	SV: 0.6 AA: 0.3	SV: 6.0 AA: 3.0	SV: 80 AA: 60	- -	- -	no increase > 10
First Creek at Dale and Knotty Pine Dr. *i	SV: 7.0-8.1	SV: AA: 0.043	SV: 0.3 AA: 0.2	SV: 3.0 AA: 2.0	SV: 80 AA: 70	- -	SV: 4.0 AA: 2.0	no increase > 10
First Creek at Lakeshore Drive *j	SV: 7.0-8.2	- -	SV: 0.6 AA: 0.3	SV: 4.0 AA: 3.0	SV: 90 AA: 75	- -	SV: 9.0 AA: 8.0	no increase > 10
Glenbrook Creek *k	SV: 7.0-8.2	SV: 0.060 AA: N/A	SV: 0.5 AA: 0.5	-	-	SV: 22.0 AA: N/A	-	no increase > 10
Logan House Creek *l	SV: 7.0-8.5	SV: 0.035 AA: 0.035	SV: 0.5 AA: 0.5	-	-	SV: 11.0 AA: N/A	-	no increase > 10
Eagle Rock Creek *m	SV: 7.0-8.4	SV: 0.050 AA: 0.045	SV: 0.2 AA: 0.3	-	-	SV: 12.0 AA: 12.0	-	no increase > 10
Edgewood Creek at Palisades Drive *n	SV: 7.0-8.4	SV: 0.100 AA: N/A	SV: 0.6 AA: 0.6	-	-	SV: N/A AA: N/A	-	no increase > 10
Edgewood Creek at Stateline *o	SV: 7.0-8.4	SV: 0.065 AA: N/A	SV: 0.4 AA: N/A	-	-	SV: 17.0 AA: N/A	-	no increase > 10

FOOTNOTES

a. Control point at the East Fork of Incline Creek at the ski resort. The standards specified in the table apply to the East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek.

b. Control point at the West Fork of Incline Creek at State Highway 431. The standards specified in the table apply to the West Fork of the Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek.

c. Control point at Incline Creek at Lakeshore Drive. The standards specified in the table apply to Incline Creek from the confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.

d. Control point at the East Fork of Third Creek at State Highway 431. The standards specified in the table apply from the East Fork of Third Creek at State Highway 431 to the origin of the East Fork of Third Creek.

e. Control point at Third Creek at Lakeshore Drive. The standards specified in the table apply to Third Creek from the confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.

f. Control point at Wood Creek at Lakeshore Drive. The standards specified in the table apply to Wood Creek from the confluence with Lake Tahoe to the origin of Wood Creek.

g. Control point at Second Creek at Second Creek Drive. The standards specified in the table apply to Second Creek from Second Creek Drive to the origin of Second Creek.

h. Control point at Second Creek at Lakeshore Drive. The standards specified in the table apply to Second Creek from the confluence with Lake Tahoe to Second Creek Drive.

i. Control point at First Creek at Dale and Knotty Pine Drives. The standards specified in the table apply to First Creek from Dale and Knotty Pine Drives to the origin of First Creek.

j. Control point at First Creek and Lakeshore Drive. The standards specified in the table apply to First Creek from the confluence with Lake Tahoe to Dale and Knotty Pine Drives.

k. Control point on Glenbrook Creek which is located 100 feet from the mouth of Glenbrook Creek at Glenbrook. The standards specified in the table apply to Glenbrook Creek from the confluence with Lake Tahoe to the origin of Glenbrook Creek.

l. Control point on Logan House Creek which is located 0.3 miles upstream from U.S. Highway 50. The standards specified in the table apply to Logan House Creek from the confluence with Lake Tahoe to the origin of Logan House Creek.

m. Control point on Eagle Rock Creek which is located 0.2 miles upstream from the confluence with Edgewood Creek. The standards specified in the table apply to Eagle Rock Creek from the confluence with Edgewood Creek to the origin of Eagle Rock Creek.

n. Control point on Edgewood Creek at Palisades Drive which is located 50 feet downstream from the culvert at Palisades Drive. The standards specified in the table apply to Edgewood Creek from the control point upstream to the origins of Edgewood Creek.

o. Control point on Edgewood Creek at Stateline which is located on the upstream side of the culvert on U.S. Highway 50. The standards specified in the table apply to Edgewood Creek from the confluence with Lake Tahoe upstream to the control point on Edgewood Creek at Palisades Drive.

(Added to NAC by Environmental Comm'n, eff. 11-9-95; A 11-27-96)

NAC 445A.192 Colorado River below Davis Dam. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Colorado River

Control Point below Davis Dam. The limits of this table apply from the state line below Davis Dam to Lake Mohave Inlet.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT*	 ΔT = 0°C	Nov. Apr. : ≤13°C May June : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units		S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	A Avg. : ≤.02 S.V. : ≤.03	A Avg. : ≤0.05	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Nitrate A Avg. : ≤1.1 S.V. : ≤1.6	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l		f	Aquatic life.[b]
Dissolved Oxygen – mg/l		S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l		S.V. : ≤25	Aquatic life.[b]
Turbidity – NTU		S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU		e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids – mg/l		e	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l		less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤50 S.V. : ≤100	≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value		 ≤126 ≤235	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.

b. The most restrictive beneficial use.

c. The salinity standard for the Colorado River System is specified in NAC 445A.143.

d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

e. Increase in color must not be more than 10 PCU above natural conditions.

f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 46, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.193 Colorado River below Hoover Dam. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Colorado River

Control Point below Hoover Dam. The limits of this table apply from Lake Mohave Inlet to Hoover Dam.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	- - - ΔT = 0°C	Nov. Apr. : ≤13°C May June : ≤17°C Jul. Oct. : ≤23°C ΔT ≤2°C	Aquatic life[b] and recreation involving contact with the water.
pH Units	—— ——	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life, irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Total Phosphates (as P) – mg/l	A Avg. : ≤.02 S.V. : ≤.033	A Avg. : ≤0.05 ——	Aquatic life,[b] recreation involving contact with the water,[b] municipal or domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen - A Avg. : ≤1.0 S.V. : ≤1.5	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	Municipal or domestic supply,[b] aquatic life,[b] recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	——	f	Aquatic life.[b]
Dissolved Oxygen – mg/l	- —— ——	S.V. : Nov. May : ≥6.0 Jun. Oct. : ≥5.0	Aquatic life,[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Suspended Solids – mg/l	—— ——	S.V. : ≤25	Aquatic life.[b]
Turbidity – NTU	—— ——	S.V. : ≤10	Aquatic life[b] and municipal or domestic supply.
Color – PCU	——	e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids – mg/l	- ——	- e	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l	—— ——	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤50 S.V. : ≤100	- ≤200/400[d]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	- - —— ——	- - ≤126 ≤235	Recreation involving contact with the water[b] and recreation not involving contact with the water.

a. 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.

b. The most restrictive beneficial use.

c. The salinity standard for the Colorado River System is specified in NAC 445A.143.

d. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

e. Increase in color must not be more than 10 PCU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, 7-31-85, eff. 8-1-85; A by R099-02, 12-17-2002)

NAC 445A.194 Requirements to maintain existing higher quality for area of Lake Mead not covered by NAC 445A.197; standards for beneficial uses. (NRS 445A.425, 445A.520)

1. The requirements to maintain existing higher quality become effective when the existing water quality is higher than the water quality standard for beneficial uses, as determined by the Commission. Once the requirements to maintain existing higher quality become effective, the requirements are applicable thereafter. The requirements to maintain existing higher quality for the area of Lake Mead which is not covered by NAC 445A.197 are set forth in NAC 445A.195, and include, without limitation, requirements relating to temperature, pH, chlorophyll a, total dissolved solids, chloride, sulfate, total inorganic nitrogen, turbidity and color.

2. The water quality standards for beneficial uses for the area of Lake Mead which is not covered by NAC 445A.197 are set forth in NAC 445A.195, and include, without limitation, standards relating to temperature, pH, dissolved oxygen, total ammonia, total dissolved solids, chloride, sulfate, suspended solids, nitrate, nitrite, turbidity, fecal coliform and E. coli. The beneficial uses for this area are:

(a) Irrigation;
(b) Watering of livestock;
(c) Recreation involving contact with the water;
(d) Recreation not involving contact with the water;
(e) Industrial supply;
(f) Municipal or domestic supply, or both;
(g) Propagation of wildlife; and
(h) Propagation of aquatic life, including, without limitation, a warm-water fishery.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; R062-98, 8-4-98; R136-04, 2-11-2005)

NAC 445A.195 Lake Mead excluding area covered by NAC 445A.197. (NRS 445A.425, 445A.520)

Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.194 (Most Stringent Use Listed First)
Temperature Single Value	ΔT 0°C *	ΔT 2°C *	Propagation of aquatic life, including, without limitation, a warm-water fishery.
pH Single Value	95% of samples not to exceed 8.8 SU	Within Range 6.5-9.0 SU	Propagation of aquatic life, including, without limitation, a warm-water fishery, recreation involving contact with water, propagation of wildlife, municipal or domestic supply, or both, industrial supply, irrigation and watering of livestock.
Dissolved Oxygen Single Value	—	≥5 mg/l in the epilimnion or average in water column during periods of nonstratification	Propagation of aquatic life, including, without limitation, a warm-water fishery, watering of livestock, recreation involving contact with water, recreation not involving contact with water, municipal or domestic supply, or both, and propagation of wildlife.
Chlorophyll a µg/l	—b	-	Recreation involving contact with water, propagation of aquatic life, including, without

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.194 (Most Stringent Use Listed First)
			limitation, a warm-water fishery, recreation not involving contact with water and municipal or domestic supply, or both.
Total Ammonia (as N) mg/l	—	—e	Propagation of aquatic life, including, without limitation, a warm-water fishery.
Total Dissolved Solids - - - — Single Value -	Flow Weighted Annual Average Concentration ≤723 mg/l measured below Hoover Dam[d] —	- - — - ≤1000 mg/l	Municipal or domestic supply, or both, and irrigation. -
Chloride — Single Value	- —e	- ≤400 mg/l [e]	Municipal or domestic supply, or both, watering of livestock and propagation of wildlife.
Sulfate — Single Value	- —e	- ≤500 mg/l [e]	- Municipal or domestic water supply, or both.
Suspended Solids — Single Value	- —	- ≤25 mg/l	Propagation of aquatic life, including, without limitation, a warm-water fishery, and recreation not involving contact with water.
Nitrogen Species as N — Single Value	- Total Inorganic Nitrogen 95% of Samples ≤4.5 mg/l	- Nitrate ≤ 10 mg/l Nitrite ≤1 mg/l	Municipal or domestic supply, or both, watering of livestock, propagation of aquatic life, including, without limitation, a warm-water fishery, and propagation of wildlife.
Turbidity — Single Value	- —f	- ≤25 NTU	Propagation of aquatic life, including, without limitation, a warm-water fishery, municipal or domestic supply, or both, recreation involving contact with water and recreation not involving contact with water.
Fecal Coliform	-	- ≤200/400[g] MF or MPN/100ml	Recreation involving contact with water, irrigation, recreation not involving contact with water, municipal or domestic supply, or both, propagation of wildlife and watering of livestock.
E. Coli — 30-day Log Mean — Single Value	- — —	- ≤126 MF/100ml ≤235 MF/100ml	Recreation involving contact with water, recreation not involving contact with water, municipal or domestic supply, or both, irrigation and watering of livestock.
Color Pt-Co Units — Single Value	- —h	- —	Recreation not involving contact with water and municipal or domestic supply, or both.

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a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

b. The requirements for chlorophyll a are:

(1) Not more than one 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.

c. The requirement for water quality with regard to the concentration of total ammonia is provided pursuant to the provisions of NAC 445A.118.
d. The details of this standard are set forth in the "1996 Review-Water Quality Standards for Salinity, Colorado River System" approved by the Commission on March 25, 1998.
e. 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.
f. Turbidity must not exceed that characteristic of natural conditions by more than 10 Nephelometric Units.
g. 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 100ml nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
h. Color must not exceed that characteristic of natural conditions by more than 10 units Platinum-Cobalt Scale.
➥ The Commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; R062-98, 8-4-98; R017-99, 9-27-99; R136-04, 2-11-2005)

NAC 445A.196 Requirements to maintain existing higher quality for area of Lake Mead from distance of 1.2 miles into Las Vegas Bay from confluence of Las Vegas Wash with Lake Mead; standards for beneficial uses; goal of requirements and standards. (NRS 445A.425, 445A.520)

1. The requirements to maintain existing higher quality become effective when the existing water quality is higher than the water quality standard for beneficial uses, as determined by the Commission. Once the requirements to maintain existing higher quality become effective, the requirements are applicable thereafter. For the area of Lake Mead from a distance of 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead, the requirements to maintain existing higher quality are set forth in NAC 445A.197, and include, without limitation, requirements relating to temperature, pH, total inorganic nitrogen, total dissolved solids and turbidity.

2. The water quality standards for beneficial uses for Lake Mead from a distance of 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead are set forth in NAC 445A.197, and include, without limitation, standards relating to temperature, pH, dissolved oxygen, nitrate, nitrite, total ammonia, total dissolved solids, suspended solids, turbidity and fecal coliform. The beneficial uses for this area are:

(a) Irrigation;
(b) Watering of livestock;
(c) Recreation not involving contact with the water;
(d) Industrial supply;
(e) Propagation of wildlife; and
(f) Propagation of aquatic life, including, without limitation, a warm-water fishery.

3. The goal of the requirements of subsection 1 and the standards of subsection 2 is to ensure that all of Lake Mead is fishable and swimable by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; R062-98, 8-4-98; R136-04, 2-11-2005)

NAC 445A.197 Lake Mead from 1.2 miles into Las Vegas Bay from confluence of Las Vegas Wash with Lake Mead. (NRS 445A.425, 445A.520) Control point at 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

Inner Las Vegas Bay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.196 (Most Stringent Use Listed First)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.196 (Most Stringent Use Listed First)
Temperature Single Value	ΔT 0°C *	ΔT 2°C *	Propagation of aquatic life, including, without limitation, a warm water fishery.
pH Single Value	95% of samples not to exceed 8.9 SU	Within Range 6.5-9.0 SU	Propagation of aquatic life, including, without limitation, a warm water fishery, propagation of wildlife, irrigation, industrial supply and watering of livestock.
Dissolved Oxygen Single Value	—	≥5 mg/l	Propagation of aquatic life, including, without limitation, a warm water fishery, watering of livestock, recreation not involving contact with water and propagation of wildlife.
Nitrogen Species as Single Value	Total Inorganic Nitrogen 95% of Samples ≤5.3 mg/l	Nitrate ≤90 mg/l Nitrite ≤5 mg/l	Propagation of aquatic life, including, without limitation, a warm water fishery, watering of livestock and propagation of wildlife.
Total Ammonia (as N) mg/l	—	— b	Propagation of aquatic life, including, without limitation, a warm water fishery.
Total Dissolved Solids Single Value	— c	≤3000 mg/l	Watering of livestock and irrigation.
Suspended Solids Single Value	—	≤25 mg/l	Propagation of aquatic life, including, without limitation, a warm water fishery and recreation not involving contact with water.
Turbidity Single Value	— d	≤25 NTU	Propagation of aquatic life, including, without limitation, a warm water fishery and recreation not involving contact with water.
Fecal Coliform MF or MPN/100ml Single Value	—	— e	Propagation of wildlife, recreation not involving contact with water, irrigation and watering of livestock.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. 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.
c. Any increase in total dissolved solids must not result in a violation of the standards set forth in "1996 Review Water Quality Standards for Salinity, Colorado River System" approved by the Commission on March 25, 1998.
d. Turbidity must not exceed that characteristic of natural conditions by more than 10 Nephelometric Units.
e. Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100ml 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 100ml.

➥ The Commission recognizes that, because of discharges of tributaries, localized violations of standards may occur in the inner Las Vegas Bay.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; 7-5-94; R062-98, 8-4-98; R136-04, 2-11-2005)

NAC 445A.198 Requirements to maintain existing higher quality for area of Las Vegas Wash from Telephone Line Road to confluences of discharges from Clark County and City of Las Vegas wastewater treatment plants; standards for beneficial uses; goal of requirements and standards. (NRS 445A.425, 445A.520)

1. The requirements to maintain existing higher quality become effective when the existing water quality is higher than the water quality standard for beneficial uses, as determined by the Commission. Once the requirements to maintain existing higher quality become effective, the requirements are applicable thereafter. For the area of the Las Vegas Wash from Telephone Line Road to the confluence of the discharges from the Clark County wastewater treatment plant and the City of Las Vegas wastewater treatment plant, which encompasses the City of Henderson

~~wastewater treatment plant discharge, the requirements to maintain existing higher quality are set forth in NAC 445A.199, and include, without limitation, requirements relating to temperature, pH, total inorganic nitrogen and total dissolved solids.~~

~~2. The water quality standards for beneficial uses for the Las Vegas Wash from Telephone Line Road to the confluence of the discharges from the Clark County wastewater treatment plant and the City of Las Vegas wastewater treatment plant, which encompasses the City of Henderson wastewater treatment plant discharge, are set forth in NAC 445A.199, and include, without limitation, standards relating to pH, dissolved oxygen, nitrate, nitrite, total suspended solids, total dissolved solids and fecal coliform. The beneficial uses for this area are:~~

~~(a) Irrigation;~~

~~(b) Watering of livestock;~~

~~(c) Recreation not involving contact with the water;~~

~~(d) Maintenance of a freshwater marsh;~~

~~(e) Propagation of wildlife; and~~

~~(f) Propagation of aquatic life, excluding fish. This paragraph does not preclude the establishment of a fishery.~~

~~3. The goal of the requirements of subsection 1 and the standards of subsection 2 is to ensure that the beneficial uses for the Las Vegas Wash from Telephone Line Road to the confluence of the discharges from the Clark County wastewater treatment plant and the City of Las Vegas wastewater treatment plant, which encompasses the City of Henderson wastewater treatment plant discharge, 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.~~

~~(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; R062-98, 8-4-98)~~

~~NAC 445A.199 Las Vegas Wash from Telephone Line Road to confluence of discharges from City of Las Vegas and Clark County wastewater treatment plants. (NRS 445A.425, 445A.520) Control point at Telephone Line Road. The limits in this table apply from Telephone Line Road to the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants, which encompasses the City of Henderson wastewater treatment plant discharge.~~

~~Upper Las Vegas Wash~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARD FOR BENEFICIAL USES~~	~~BENEFICIAL USES AS DESIGNATED IN NAC 445A.198 (MOST STRINGENT USE LISTED FIRST)~~
~~Temperature Single Value~~	~~ΔT 0°C [a]~~	—	—
~~pH Single Value~~	-	~~Within Range 6.5-9.0 SU~~	~~Propagation of aquatic life, excluding fish, propagation of wildlife, irrigation and watering of livestock.~~
~~Dissolved Oxygen mg/l~~	—	~~b~~	~~Propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife.~~
~~Nitrogen Species as N Single Value~~	~~Total Inorganic Nitrogen 95% of Samples ≤20 mg/l~~	~~Nitrate ≤100 mg/l Nitrite ≤10 mg/l~~	~~Watering of livestock and propagation of wildlife.~~
~~Total Suspended Solids~~	-	~~≤135 mg/l [c]~~	~~Propagation of aquatic life, excluding fish.~~
~~Total Dissolved Solids at 180°C Single Value~~	~~95% of samples ≤1900 mg/l~~	~~≤3000 mg/l~~	~~Watering of livestock, irrigation and maintenance of a freshwater marsh.~~

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARD FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.198 (MOST STRINGENT USE LISTED FIRST)
Fecal Coliform MF or MPN/100ml	—	— d	Recreation not involving contact with water, propagation of wildlife, irrigation and watering of livestock.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone except during storm flow conditions.

b. 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 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.

c. 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.

d. Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100ml 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 100ml.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A by R062-98, 8-4-98)

NAC 445A.200 Requirements to maintain existing higher quality for area from confluence of Las Vegas Wash with Lake Mead to Telephone Line Road; standards for beneficial uses; goal of requirements and standards. (NRS 445A.425, 445A.520)

1. The requirements to maintain existing higher quality become effective when the existing water quality is higher than the water quality standard for beneficial uses, as determined by the Commission. Once the requirements to maintain existing higher quality become effective, the requirements are applicable thereafter. For the area from the confluence of the Las Vegas Wash with Lake Mead to Telephone Line Road, the requirements to maintain existing higher quality are set forth in NAC 445A.201, and include, without limitation, requirements relating to temperature, pH, total inorganic nitrogen and total dissolved solids.

2. The water quality standards for beneficial uses for the Las Vegas Wash from the confluence of the Las Vegas Wash with Lake Mead to Telephone Line Road are set forth in NAC 445A.201, and include, without limitation, standards relating to pH, dissolved oxygen, nitrate, nitrite, total suspended solids, total dissolved solids and fecal coliform. The beneficial uses for this area are:

(a) Irrigation;

(b) Watering of livestock;

(c) Recreation not involving contact with the water;

(d) Maintenance of a freshwater marsh;

(e) Propagation of wildlife; and

(f) Propagation of aquatic life, excluding fish. This paragraph does not preclude the establishment of a fishery.

3. The goal of the requirements of subsection 1 and the standards of subsection 2 is to ensure that the beneficial uses for the Las Vegas Wash from the confluence of the Las Vegas Wash with Lake Mead to Telephone Line Road 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.

(Added to NAC by Environmental Comm'n, eff. 11-22-82; A 12-17-87; R062-98, 8-4-98)

~~NAC 445A.201 Confluence of Las Vegas Wash with Lake Mead to Telephone Line Road. (NRS 445A.425, 445A.520) The limits in this table apply from the confluence of the Las Vegas Wash with Lake Mead to Telephone Line Road.~~

~~Lower Las Vegas Wash~~

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.200 (Most Stringent Use Listed First)
Temperature Single Value	AT 0°C [a]	—	—
pH Single Value		Within Range 6.5-9.0 SU	Propagation of aquatic life, excluding fish, propagation of wildlife, irrigation and watering of livestock.
Dissolved Oxygen mg/l		b	Propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife.
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤17 mg/l	Nitrate ≤100 mg/l Nitrite ≤10 mg/l	Watering of livestock and propagation of wildlife.
Total Suspended Solids		≤135 mg/l [c]	Propagation of aquatic life, excluding fish.
Total Dissolved Solids at 180°C Single Value	95% of samples ≤2400 mg/l	≤3000 mg/l	Watering of livestock, irrigation and maintenance of a freshwater marsh.
Fecal Coliform MF or MPN/100ml	—	d	Recreation not involving contact with water, propagation of wildlife, irrigation and watering of livestock.

a. Maximum allowable increase in temperature above receiving water temperature at the boundary of an approved mixing zone.
b. Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with the water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the 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.
c. This standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. As used in this paragraph, "average flow" means the 12-month rolling average of the average monthly flow.
d. Any discharge from a point source into Las Vegas Wash must not exceed a log mean of 200 per 100ml 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 100ml.

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 47, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 11-22-82; R062-98, 8-4-98)~~

~~NAC 445A.202 Beneficial uses for Humboldt River. (NRS 445A.425, 445A.520) The water quality standards for the Humboldt River from Woolsey to the source of the main stem are prescribed in NAC 445A.203 to 445A.208, inclusive. The beneficial uses for this area are:~~

1. ~~Irrigation;~~
2. ~~Watering of livestock;~~
3. ~~Recreation involving contact with the water;~~
4. ~~Recreation not involving contact with the water;~~
5. ~~Industrial supply;~~
6. ~~Municipal or domestic supply, or both;~~
7. ~~Propagation of aquatic life including warm-water fisheries; and~~
8. ~~Propagation of wildlife.~~

~~(Added to NAC by Environmental Comm'n, eff. 6-29-84; A 9-25-90) (Substituted in revision for NAC 445.13703)~~

~~NAC 445A.203 Humboldt River near Osino. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Humboldt River~~

~~Control Point near Osino. The limits in this table apply from the control point near Osino to the upstream source of the main stem.~~

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C ΔT – Single Value[a]	ΔT = 0°C	ΔT ≤2°C	Aquatic life (warm water fishery),[b] and recreation involving contact with the water.
pH Units Standard Units	A Avg. : 7.0 – 8.3 S.V. : 7.0 – 8.5	S.V. : 6.5 – 9.0 ΔpH : ±0.5	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	———	S.V. : ≥5.0	Aquatic life (warm water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides – mg/l	A Avg. : ≤22 S.V. : ≤25	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphorus (as P) – mg/l	———	Apr. Nov. Seasonal Avg. : ≤0.1	Aquatic life (warm water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.
Nitrogen species (N) – mg/l	Total Nitrogen : ≤1.5 A Avg. : ≤2.4 Apr. Nov. S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock and aquatic life (warm water fishery).
Total Ammonia (as N) – mg/l	———	f	Aquatic life.[b]
Total Dissolved Solids – mg/l	A Avg. : ≤370 S.V. : ≤385	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids – mg/l	———	Annual Median : ≤80[e]	Aquatic life (warm water fishery).[b]
Sulfate – mg/l	———	S.V. : ≤250	Municipal or domestic supply.
Color – PCU	d	No Adverse Effects	Municipal or domestic supply.[b]
Turbidity – NTU	———	S.V. : ≤50	Aquatic life (warm water fishery),[b] and municipal or domestic supply.
Fecal Coliform – No./100ml	Annual Geometric Mean: ≤75 S.V.: ≤200	≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	——— ———	≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Sodium – SAR	———	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The maximum allowable point source discharge is S.V. ≤ 80 mg/l of suspended solids.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 48, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-29-95; R099-02, 12-17-2002)

NAC 445A.204 Humboldt River at Palisade Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

Control Point at the Palisade Gage. The limits of this table apply from the control point at Palisade Gage upstream to the Osino control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C – ΔT – Single Value[a]	ΔT = 0°C	ΔT ≤2°C	Aquatic life (warm-water fishery)[b] and recreation involving contact with the water.
pH Units Standard Units	A Avg. : 7.0 – 8.5 S.V. : 7.0 – 8.6	S.V. : 6.5 – 9.0 ΔpH : ±0.5	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm-water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen – mg/l	—	S.V. : ≥5.0	Aquatic life (warm-water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides – mg/l	A Avg. : ≤21 S.V. : ≤30	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphorus (as P) – mg/l	—	Apr. Nov. Seasonal Avg. : ≤0.1	Aquatic life (warm-water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.
Nitrogen species (N) – mg/l	Total Nitrogen A Avg. : ≤1.4 Apr. Nov. S.V. : ≤2.4	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock, and aquatic life (warm-water fishery).
Total Ammonia (as N) – mg/l	—	f	Aquatic life.[b]
Total Dissolved Solids – mg/l	A Avg. : ≤350 S.V. : ≤400	A Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids – mg/l	—	Annual Median : ≤80[e]	Aquatic life (warm-water fishery).[b]
Sulfate – mg/l	—	S.V. : ≤250	Municipal or domestic supply.
Color – PCU	d	No Adverse Effects	Municipal or domestic supply.[b]
Turbidity – NTU	—	S.V. : ≤50	Aquatic life (warm-water fishery),[b] and municipal or domestic supply.
Fecal Coliform – No./100ml	Annual Geometric Mean : ≤20 S.V. : ≤150	≤200/400c	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean Single Value	— — —	— ≤126 ≤410	Recreation involving contact with the water,[b] and recreation not involving contact with the water.
Sodium – SAR	—	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The maximum allowable point source discharge is S.V. ≤80 mg/l of suspended solids.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 49, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-29-95; R099-02, 12-17-2002)~~

~~NAC 445A.205 Humboldt River at Battle Mountain Gage. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Humboldt River~~

~~Control Point at the Battle Mountain Gage. The limits of this table apply from the control point at Battle Mountain Gage upstream to the Palisade Gage control point.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C ΔT – Single Value[a]~~	~~ΔT = 0°C~~	~~ΔT ≤2°C~~	~~Aquatic life (warm-water fishery)[b] and recreation involving contact with the water.~~
~~dpH Units Standard Units~~	~~A Avg. : 7.0 – 8.4~~ ~~S.V. : 7.0 – 8.6~~	~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5~~	~~Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm-water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Dissolved Oxygen – mg/l~~	~~—~~	~~S.V. : ≥5.0~~	~~Aquatic life (warm-water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.~~
~~Chlorides – mg/l~~	~~A Avg. : ≤50~~ ~~S.V. : ≤70~~	~~S.V. : ≤250~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.~~
~~Total Phosphorus (as P) – mg/l~~	~~—~~	~~Apr. Nov. Seasonal Avg. : ≤0.1~~	~~Aquatic life (warm-water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.~~
~~Nitrogen species (N) – mg/l~~	~~Total Nitrogen : ≤1.9~~ ~~A Avg. : ≤4.0~~ ~~Apr. Nov. S.V.~~	~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤1.0~~	~~Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock and aquatic life (warm-water fishery).~~
~~Total Ammonia (as N) – mg/l~~	~~—~~	~~f~~	~~Aquatic life.[b]~~
~~Total Dissolved Solids – mg/l~~	~~A Avg. : ≤425~~ ~~S.V. : ≤520~~	~~A Avg. : ≤500~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Suspended Solids – mg/l~~	~~—~~	~~Annual Median : ≤80[e]~~	~~Aquatic life (warm-water fishery).[b]~~
~~Sulfate – mg/l~~	~~—~~	~~S.V. : ≤250~~	~~Municipal or domestic supply.~~
~~Color – PCU~~	~~d~~	~~No Adverse Effects~~	~~Municipal or domestic supply.[b]~~
~~Turbidity – NTU~~	~~—~~	~~S.V. : ≤50~~	~~Aquatic life (warm-water fishery),[b] and municipal or domestic supply.~~
~~Fecal Coliform – No./100ml~~	~~Annual Geometric Mean : ≤50~~ ~~S.V. : ≤200~~	~~≤200/400[e]~~	~~Recreation involving contact with water,[b] recreation not involving contact with water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~—~~ ~~—~~ ~~—~~ ~~—~~	~~—~~ ~~—~~ ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Sodium – SAR~~	~~—~~	~~A Avg. : ≤8~~	~~Irrigation[b] and municipal or domestic supply.~~

~~a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.~~
~~b. The most restrictive beneficial use.~~
~~c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. The maximum allowable point source discharge is S.V. ≤80 mg/l of suspended solids.~~
~~f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 50, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-29-95; R099-02, 12-17-2002)

NAC 445A.206 Humboldt River at crossing of State Highway 789. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

Control Point where State Highway 789 crosses the Humboldt River. The limits of this table apply from the control point where State Highway 789 crosses the Humboldt River upstream to the Battle Mountain Gage control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - ΔT - Single Value[a]	- ΔT = 0°C	- ΔT ≤2°C	Aquatic life (warm-water fishery)[b] and recreation involving contact with the water.
pH Units Standard Units	A-Avg. : 7.0 - 8.5 S.V. : 7.0 - 8.7	S.V. : 6.5 - 9.0 ΔpH : ±0.5	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm-water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen - mg/l	-	- - S.V. : ≥5.0	Aquatic life (warm-water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤60 S.V. : ≤110	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphorus (as P) - mg/l		Apr. Nov. Seasonal Avg. - : ≤0.1	Aquatic life (warm-water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.
Nitrogen species (N) - mg/l	Total Nitrogen - : ≤2.9 A-Avg. : ≤3.7 Apr. Nov. S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock and aquatic life (warm-water fishery).
Total Ammonia (as N) - mg/l		f	Aquatic life.[b]
Total Dissolved Solids - mg/l	A-Avg. : ≤500 S.V. : ≤560	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids - mg/l		Annual Median : ≤80[e]	Aquatic life (warm-water fishery).[b]
Sulfate - mg/l		S.V. : ≤250	Municipal or domestic supply.
Color - PCU	d	No Adverse Effects	Municipal or domestic supply.[b]
Turbidity - NTU		S.V. : ≤50	Aquatic life (warm-water fishery),[b] and municipal or domestic supply.
Fecal Coliform - No./100ml	Annual Geometric Mean: ≤40 S.V.: ≤100	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - - -	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Sodium - SAR		A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The maximum allowable point source discharge is S.V. ≤80 mg/l of suspended solids.

f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 51, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-19-95; R099-02, 12-17-2002)

NAC 445A.207 Humboldt River at Imlay. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

Control Point at Imlay. The limits of this table apply from the control point at Imlay upstream to the Comus Gage control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - ΔT - Single Value[a]	- ΔT = 0°C	- ΔT ≤2°C	Aquatic life (warm-water fishery)[b] and recreation involving contact with the water.
pH Units Standard Units	A-Avg. : 7.0 - 8.5 S.V. : 7.0 - 8.7	S.V. : 6.5 - 9.0 : ±0.5	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm-water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen - mg/l	- —	- S.V. : ≥5.0	Aquatic life (warm-water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤70 S.V. : ≤85	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphorus (as P) - mg/l	- —	Apr. Nov. - Seasonal Avg. : ≤0.1	Aquatic life (warm-water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.
Nitrogen species (N) - mg/l	Total - Nitrogen A-Avg. : ≤2.4 Apr. Nov. S.V. : ≤2.9	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock and aquatic life (warm-water fishery).
Total Ammonia (as N) - mg/l	—	f	Aquatic life.[b]
Total Dissolved Solids - mg/l	S.V. : ≤590	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids - mg/l	—	Annual Median : ≤80e	Aquatic life (warm-water fishery).[b]
Sulfate - mg/l	—	S.V. : ≤250	Municipal or domestic supply.
Color - PCU	d	No Adverse Effects	Municipal or domestic supply.[b]
Turbidity - NTU	—	S.V. : ≤50	Aquatic life (warm-water fishery),[b] and municipal or domestic supply.
Fecal Coliform - No./100ml	Annual Geometric Mean: ≤30 S.V.: ≤150	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - — —	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Sodium - SAR	—	A-Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The maximum allowable point source discharge is S.V. ≤80 mg/l of suspended solids.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 52, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-29-95; R099-02, 12-17-2002)

NAC 445A.208 Humboldt River at Woolsey. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

Control Point at Woolsey. The limits of this table apply from the control point at Woolsey upstream to the Imlay control point.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C - ΔT - Single Value[a]	- ΔT = 0°C	- ΔT ≤2°C	Aquatic life (warm-water fishery),[b] and recreation involving contact with the water.
pH Units Standard Units	A Avg. : 7.0 – 8.9 S.V. : 7.0 – 9.0	S.V. : 6.5 – 9.0 ΔpH : ±0.5	Recreation involving contact with the water,[b] propagation of wildlife,[b] aquatic life (warm-water fishery), irrigation, watering of livestock, municipal or domestic supply and industrial supply.
Dissolved Oxygen - mg/l	- ——	- - S.V. : ≥5.0	Aquatic life (warm-water fishery),[b] recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply and recreation not involving contact with the water.
Chlorides - mg/l	A Avg. : ≤130 S.V. : ≤175	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Total Phosphorus (as P) - mg/l	——	Apr. Nov. Seasonal Avg. - : ≤0.1	Aquatic life (warm-water fishery),[b] bathing and recreation involving contact with the water, municipal or domestic supply and recreation not involving contact with the water.
Nitrogen species (N) - mg/l	——	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	Municipal or domestic supply,[b] propagation of wildlife, irrigation, watering of livestock and aquatic life (warm-water fishery).
Total Ammonia (as N) - mg/l	——	f	Aquatic life.[b]
Total Dissolved Solids - mg/l	A Avg. : ≤600 S.V. : ≤700	A Avg. : ≤1000	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids - mg/l	——	Annual Median : ≤80[e]	Aquatic life (warm-water fishery).[b]
Sulfate - mg/l	——	S.V. : ≤250	Municipal or domestic supply.
Color - PCU	d	No Adverse Effects	Municipal or domestic supply.[b]
Turbidity - NTU	——	S.V. : ≤50	Aquatic life (warm-water fishery),[b] and municipal or domestic supply.
Fecal Coliform - No./100ml	Annual Geometric Mean: ≤100 S.V.: ≤200	- ≤200/400[c]	Recreation involving contact with the water,[b] recreation not involving contact with the water, municipal or domestic supply, irrigation, propagation of wildlife and watering of livestock.
E coli - No./100ml Annual Geometric Mean Single Value	- - —— ——	- - ≤126 ≤235	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Sodium - SAR	——	A Avg. : ≤8	Irrigation[b] and municipal or domestic supply.

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
b. The most restrictive beneficial use.
c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. The maximum allowable point source discharge is S.V. ≤80 mg/l of suspended solids.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 53, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 6-29-84; 11-29-95; R099-02, 12-17-2002)~~

~~**NAC 445A.209 Beneficial uses for Muddy River at Glendale Bridge. (NRS 445A.425, 445A.520) The standards for water quality for the Muddy River at Glendale Bridge are prescribed in NAC 445A.210. The beneficial uses for this area are:**~~

~~**1. Irrigation;**~~
~~**2. Watering of livestock;**~~
~~**3. Recreation not involving contact with the water;**~~
~~**4. Industrial supply;**~~
~~**5. Municipal or domestic supply, or both;**~~
~~**6. Propagation of wildlife; and**~~
~~**7. Propagation of aquatic life.**~~
~~**(Added to NAC by Environmental Comm'n, 7-31-85, eff. 8-1-85) (Substituted in revision for NAC 445.1379)**~~

~~**NAC 445A.210 Muddy River at Glendale Bridge. (NRS 445A.425, 445A.520)**~~

~~**STANDARDS OF WATER QUALITY**~~
~~**Muddy River**~~

~~**Control Point at Glendale Bridge. The limits of this table apply from the Glendale Bridge upstream to the river source.**~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C – Maximum~~ ~~ΔT[a]~~	- - - ~~ΔT = 0°C~~	~~Nov. Jun. : ≤21°C~~ ~~Jul. Oct. : ≤32°C~~ - ~~ΔT ≤2°C~~	~~Aquatic life.[b]~~
~~pH Units~~	- ~~——~~	- ~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~	~~Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock, municipal or domestic supply and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~	- ~~——~~	~~A Avg. : ≤0.1~~	~~Aquatic life,[b] recreation not involving contact with the water, and municipal or domestic supply.~~
~~Nitrogen Species (N) – mg/l~~	~~Total Nitrogen~~ - ~~A Avg. : ≤1.3~~ ~~S.V. : ≤1.4~~	~~Nitrate S.V. : ≤10~~ ~~Nitrite S.V. : ≤1.0~~	~~Municipal or domestic supply,[b] aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~——~~	~~f~~	~~Aquatic life.[b]~~
~~Dissolved Oxygen – mg/l~~	- ~~——~~	~~S.V. : ≤5.0~~	~~Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife, watering of livestock, and municipal or domestic supply.~~
~~Turbidity – NTU~~	- ~~——~~	~~e~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Color – PCU~~	~~——~~	~~d~~	~~Aquatic life[b] and municipal or domestic supply.~~
~~Total Dissolved Solids – mg/l~~	- ~~——~~	- ~~e~~	~~Municipal or domestic supply,[b] irrigation and watering of livestock.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~	- ~~——~~	~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~——~~ ~~——~~	~~A.G.M. : ≤1000~~ ~~S.V. : ≤2000~~	~~Recreation not involving contact with the water,[b] municipal or domestic supply,[b] irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml Annual Geometric Mean~~	- - ~~——~~	- - ~~≤630~~	~~Recreation not involving contact with the water.[b]~~

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. Increase in turbidity must not be more than 10 NTU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 54, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

NAC 445A.211 Muddy River at Overton. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Muddy River

Control Point at Overton. The limits of this table apply from the mouth of the river at Lake Mead to the Glendale Bridge.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT[a]	- - - ΔT = 0°C[a]	Nov. Jun. : ≤21°C Jul. Oct. : ≤32°C - ΔT ≤2°C	Aquatic life.[b]
pH Units	- —	- S.V. : 6.5 – 9.0 ΔpH : ±0.5 Max.	Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock and industrial supply.
Total Phosphates (as P) – mg/l	—	A Avg. : ≤0.3	Aquatic life[b] and recreation not involving contact with the water.
Nitrogen Species (N) – mg/l	Total Nitrogen : ≤1.3 A Avg. : ≤1.8 S.V.	Nitrate S.V. : ≤90 Nitrite S.V. : ≤5.0	Aquatic life,[b] watering of livestock, propagation of wildlife and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	—	f	Aquatic life.[b]
Dissolved Oxygen – mg/l	—	S.V. : ≥5.0	Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife and watering of livestock.
Turbidity – NTU	—	e	Aquatic life.[b]
Color – PCU	—	d	Aquatic life.[b]
Total Dissolved Solids – mg/l	- —	- e	- Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) – mg/l	- —	less than 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform – No./100ml	A.G.M. : ≤500 S.V. : ≤1300	A.G.M. : ≤1000 S.V. : ≤2000	Recreation not involving contact with the water,[b] irrigation, propagation of wildlife and watering of livestock.
E coli – No./100ml Annual Geometric Mean	- - —	- - ≤630	Recreation not involving contact with the water.[b]

a. 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.
b. The most restrictive beneficial use.
c. The salinity standard for the Colorado River System is specified in NAC 445A.143.
d. Increase in color must not be more than 10 PCU above natural conditions.
e. Increase in turbidity must not be more than 10 NTU above natural conditions.
f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 55, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)

~~NAC 445A.212 Meadow Valley Wash. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Meadow Valley Wash~~

~~Control Point at confluence with Muddy River. The limits of this table apply from the confluence of the Meadow Valley Wash with the Muddy River to the bridge above Rox.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C - Maximum~~ ~~ΔT[a]~~	~~ΔT = 0°C~~	~~Nov. Jun. : ≤21°C~~ ~~Jul. Oct. : ≤32°C~~ ~~ΔT ≤2°C~~	~~Aquatic life.[b]~~
~~pH Units~~	~~S.V. : 6.5 – 9.0~~ ~~ΔpH : ±0.5 Max.~~		~~Propagation of wildlife,[b] aquatic life,[b] recreation not involving contact with the water, irrigation, watering of livestock and industrial supply.~~
~~Total Phosphates (as P) – mg/l~~		~~A Avg. : ≤0.1~~	~~Aquatic life[b] and recreation not involving contact with the water.~~
~~Nitrogen Species (N) – mg/l~~	~~Total Nitrogen : ≤2.0~~ ~~A Avg. : ≤3.3~~ ~~S.V.~~	~~Nitrate S.V. : ≤90~~ ~~Nitrite S.V. : ≤5.0~~	~~Aquatic life,[b] watering of livestock, propagation of wildlife and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~		~~f~~	~~Aquatic life.[b]~~
~~Dissolved Oxygen – mg/l~~		~~S.V. : ≥5.0~~	~~Aquatic life,[b] recreation not involving contact with the water, propagation of wildlife and watering of livestock.~~
~~Turbidity – NTU~~		~~e~~	~~Aquatic life.[b]~~
~~Color – PCU~~		~~d~~	~~Aquatic life.[b]~~
~~Total Dissolved Solids – mg/l~~		~~e~~	~~Irrigation[b] and watering of livestock.~~
~~Alkalinity (as $CaCO_3$) – mg/l~~		~~less than 25% change from natural conditions~~	~~Aquatic life[b] and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~A.G.M. : ≤1000~~ ~~S.V. : ≤2000~~		~~Recreation not involving contact with the water,[b] irrigation, propagation of wildlife and watering of livestock.~~
~~E coli – No./100ml Annual Geometric Mean~~		~~≤630~~	~~Recreation not involving contact with the water.[b]~~

~~a. 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.~~
~~b. The most restrictive beneficial use.~~
~~c. The salinity standard for the Colorado River System is specified in NAC 445A.143.~~
~~d. Increase in color must not be more than 10 PCU above natural conditions.~~
~~e. Increase in turbidity must not be more than 10 NTU above natural conditions.~~
~~f. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

~~[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 56, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80] (NAC A 7-31-85, eff. 8-1-85; R099-02, 12-17-2002)~~

~~NAC 445A.214 Beneficial uses for areas in Snake River Basin. (NRS 445A.425, 445A.520)~~
~~1. The standards of water quality for:~~
~~(a) Big Goose Creek are prescribed in NAC 445A.215;~~
~~(b) Salmon Falls Creek are prescribed NAC 445A.216;~~
~~(c) Shoshone Creek are prescribed in NAC 445A.217;~~
~~(d) Jarbidge River, East Fork are prescribed in NAC 445A.218;~~
~~(e) Jarbidge River upstream from Jarbidge are prescribed in NAC 445A.219;~~
~~(f) Jarbidge River downstream from Jarbidge are prescribed in NAC 445A.220;~~

(g) Bruneau River, West Fork are prescribed in NAC 445A.221;
(h) Owyhee River, East Fork above Mill Creek are prescribed in NAC 445A.222;
(i) Owyhee River, East Fork south of Owyhee are prescribed in NAC 445A.223;
(j) Owyhee River, East Fork, Nevada-Idaho state line are prescribed in NAC 445A.224; and
(k) Owyhee River, South Fork are prescribed in NAC 445A.225.
2. The beneficial uses for these areas are:
(a) Irrigation;
(b) Watering of livestock;
(c) Recreation involving contact with the water;
(d) Recreation not involving contact with the water;
(e) Industrial supply;
(f) Municipal or domestic supply, or both;
(g) Propagation of wildlife; and
(h) Propagation of aquatic life.
(Added to NAC by Environmental Comm'n, eff. 9-20-90) (Substituted in revision for NAC 445.13965)

NAC 445A.215 Big Goose Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Big Goose Creek

Control Point at Ranch.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C[a]	- - ΔT = 0°	May-Oct. <21° Nov.-Apr. <13° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus (as P) - mg/l	- ———	- <0.1	Aquatic life, recreation involving contact with the water, municipal and domestic supply and recreation not involving contact with the water.
Nitrogen Species (N) - mg/l	- Nitrate S.V. <1.0	Nitrate S.V. <10 Nitrite S.V. <0.06	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	———	d	Aquatic life.
Dissolved Oxygen in mg/l	- ———	- >6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids - mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity - NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids - mg/l	- S.V. <185	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides - mg/l	S.V. <9.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3) - mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform - No./100ml	———	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.
E coli - No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

Color	———	——e	Municipal or domestic supply.

a. 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.
b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)

NAC 445A.216 Salmon Falls Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Salmon Falls Creek

Control Point at Highway 93 south of Jackpot.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C*	- - ΔT = 0°	May-Oct. <21° Nov.-Apr. <13° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5 – 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus (as P) in mg/l	- ———	- ——<0.1	Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.
Nitrogen Species (N) in mg/l	- Nitrate S.V. <1.0	——Nitrate S.V. <10 ——Nitrite S.V. <0.06	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	——d	Aquatic life.
Dissolved Oxygen in mg/l	- ———	- ——>6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids – mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity – NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids – mg/l	- S.V. <250	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides – mg/l	S.V. <14.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation, and watering of livestock.
Alkalinity (as CO_3) – mg/l	———	<25% change from natural conditions	Aquatic life, and propagation of wildlife.
Fecal Coliform – No./100ml	——— S.V. <90	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation, and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Color	———	——e	Municipal or domestic supply.

a. 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.
b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

~~(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)~~

~~NAC 445A.217 Shoshone Creek. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Shoshone Creek~~

~~Control Point: Jackpot to Delaplain Road.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum ΔT°C[a]~~	~~-~~ ~~-~~ ~~ΔT = 0°~~	~~May-Oct. <21°~~ ~~Nov.-Apr. <13°~~ ~~ΔT <1°~~	~~Aquatic life and recreation involving contact with the water.~~
~~pH Units~~	~~ΔpH ±0.5~~	~~6.5 - 9.0~~	~~Aquatic life, municipal and domestic supply and recreation involving contact with the water.~~
~~Total Phosphorus (as P) in mg/l~~	~~-~~ ~~———~~	~~-~~ ~~<0.1~~	~~Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N) in mg/l~~	~~-~~ ~~Nitrate S.V. <1.0~~	~~Nitrate S.V. <10~~ ~~Nitrite S.V. <0.06~~	~~Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.~~
~~Total Ammonia (as N) - mg/l~~	~~———~~	~~d~~	~~Aquatic life.~~
~~Dissolved Oxygen in mg/l~~	~~-~~ ~~———~~	~~-~~ ~~>6.0~~	~~Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Suspended Solids - mg/l~~	~~-~~ ~~———~~	~~-~~ ~~S.V. <25~~	~~Aquatic life, and municipal and domestic supply.~~
~~Turbidity - NTU~~	~~———~~	~~S.V. <10~~	~~Aquatic life, and municipal and domestic supply.~~
~~Total Dissolved Solids - mg/l~~	~~-~~ ~~S.V. <250~~	~~-~~ ~~S.V. <500~~	~~Municipal and domestic supply, irrigation and watering of livestock.~~
~~Chlorides - mg/l~~	~~S.V. <15.0~~	~~S.V. <250~~	~~Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.~~
~~Alkalinity (as CO_3) - mg/l~~	~~———~~	~~<25% change from natural conditions~~	~~Aquatic life and propagation of wildlife.~~
~~Fecal Coliform - No./100ml~~	~~———~~	~~-~~ ~~<200/400[b]~~	~~Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.~~
~~E coli - No./100ml Annual Geometric Mean Single Value~~	~~-~~ ~~-~~ ~~———~~ ~~———~~	~~-~~ ~~-~~ ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Color~~	~~———~~	~~e~~	~~Municipal or domestic supply.~~

~~a. 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.~~
~~b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.~~
~~c. Increase in color must not be more than 10 color units above natural conditions.~~
~~d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.~~

~~(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)~~

~~NAC 445A.218 Jarbidge River: East Fork. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~East Fork Jarbidge River~~

~~Control Point at the Nevada-Idaho state line.~~

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C*	- - ΔT = 0°	May Oct. <21° Nov. Apr. <7° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5 – 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus (as P) in mg/l	- ———	- —<0.1	Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.
Nitrogen Species (as N) in mg/l	- Nitrate S.V. <1.0	—Nitrate S.V. <10 —Nitrite S.V. <0.06	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	—d	Aquatic life.
Dissolved Oxygen in mg/l	- ———	- —> 6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids – mg/l	- ——	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity – NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids – mg/l	- S.V. <200	- S.V. <500	Municipal and domestic supply, irrigation, watering of livestock.
Chlorides – mg/l	S.V. <6.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3) – mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform – No./100ml	— S.V. <100	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Color	———	—e	Municipal or domestic supply.

a. 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.
b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)

NAC 445A.219 Jarbidge River upstream from Jarbidge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Jarbidge River

Control Point upstream from Jarbidge at bridge.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C*	- - ΔT = 0°	May Oct. <21° Nov. Apr. <7° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5 – 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus	-	-	Aquatic life, recreation involving contact with the

~~(as P) in mg/l~~	~~S.V. <0.05~~	~~<0.1~~	~~water, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N) in mg/l~~	~~-~~ ~~Nitrate S.V. <1.0~~	~~Nitrate S.V. <10~~ ~~Nitrite S.V. <0.06~~	~~Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~———~~	~~d~~	~~Aquatic life.~~
~~Dissolved Oxygen in mg/l~~	~~-~~ ~~———~~	~~-~~ ~~>6.0~~	~~Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~	~~-~~ ~~———~~	~~-~~ ~~S.V. <25~~	~~Aquatic life, and municipal and domestic supply.~~
~~Turbidity – NTU~~	~~———~~	~~S.V. <10~~	~~Aquatic life, and municipal and domestic supply.~~
~~Total Dissolved Solids – mg/l~~	~~-~~ ~~S.V. <65~~	~~-~~ ~~S.V. <500~~	~~Municipal and domestic supply, irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~S.V. <7.0~~	~~S.V. <250~~	~~Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.~~
~~Alkalinity (as CO_3) – mg/l~~	~~———~~	~~<25% change from natural conditions~~	~~Aquatic life and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~-~~ ~~S.V. <10~~	~~-~~ ~~<200/400[b]~~	~~Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.~~
~~E coli – No./100ml~~ ~~Annual Geometric Mean~~ ~~Single Value~~	~~-~~ ~~-~~ ~~———~~ ~~———~~	~~-~~ ~~-~~ ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Color~~	~~———~~	~~e~~	~~Municipal or domestic supply.~~

~~a. 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.~~

~~b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.~~

~~c. Increase in color must not be more than 10 color units above natural conditions.~~

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

~~(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)~~

~~NAC 445A.220 Jarbidge River downstream from Jarbidge. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~Jarbidge River~~

~~Control Point downstream from Jarbidge at bridge.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum~~ ~~ΔT°C[a]~~	~~ΔT = 0°~~	~~May-Oct. <21°~~ ~~Nov. Apr. <7°~~ ~~ΔT <1°~~	~~Aquatic life and recreation involving contact with the water.~~
~~pH Units~~	~~ΔpH ±0.5~~	~~6.5 – 9.0~~	~~Aquatic life, municipal and domestic supply and recreation involving contact with the water.~~
~~Total Phosphorus (as P) in mg/l~~	~~-~~ ~~S.V. <0.05~~	~~-~~ ~~<0.1~~	~~Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N) in mg/l~~	~~-~~ ~~Nitrate S.V. <1.0~~	~~Nitrate S.V. <10~~ ~~Nitrite S.V. <0.06~~	~~Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~———~~	~~d~~	~~Aquatic life.~~
~~Dissolved Oxygen in mg/l~~	~~-~~ ~~———~~	~~-~~ ~~> 6.0~~	~~Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.~~

Suspended Solids—mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity—NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids—mg/l	- S.V. <80	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides—mg/l	S.V. <7.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3)—mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform—No./100ml	———	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.
E coli—No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Color	———	——e	Municipal or domestic supply.

a. 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.
b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)

NAC 445A.221 Bruneau River: West Fork. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Bruneau River

Control Point at Diamond "A" Road.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C*	- - ΔT = 0°	May Oct. <21° Nov. Apr. <7° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5—9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus (as P) in mg/l	- ———	- ——<0.1	Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.
Nitrogen Species (as N) in mg/l	- Nitrate S.V. <1.0	——Nitrate S.V. <10 ——Nitrite S.V. <0.06	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N)—mg/l	———	——d	Aquatic life.
Dissolved Oxygen in mg/l	- ———	- ——>6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids—mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity—NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids—mg/l	- S.V. <180	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides—mg/l	S.V. <7.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3)—mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform—	———	-	Recreation involving contact with the water, recreation

~~No./100ml~~	~~S.V. <80~~	~~<200/400[b]~~	~~not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.~~
~~E coli – No./100ml~~ ~~Annual Geometric~~ ~~Mean~~ ~~Single Value~~	- - ~~———~~ ~~———~~	- - ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Color~~	~~———~~	~~——e~~	~~Municipal or domestic supply.~~

-

~~a. 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.~~

~~b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.~~

~~c. Increase in color must not be more than 10 color units above natural conditions.~~

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

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~~(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)~~

~~NAC 445A.222 Owyhee River: East Fork above Mill Creek. (NRS 445A.425, 445A.520)~~

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~~STANDARDS OF WATER QUALITY~~
~~Owyhee River~~

-

~~Control Point above Mill Creek.~~

-

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C~~ ~~Maximum~~ ~~ΔT°C*~~	- - ~~ΔT = 0°~~	~~May Oct. <21°~~ ~~Nov. Apr. <7°~~ ~~ΔT <1°~~	~~Aquatic life and recreation involving contact with the water.~~
~~pH Units~~	~~ΔpH ±0.5~~	~~6.5 – 9.0~~	~~Aquatic life, municipal and domestic supply and recreation involving contact with the water.~~
~~Total Phosphorus (as P) in mg/l~~	- ~~——~~	- ~~<0.1~~	~~Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Nitrogen Species (as N) in mg/l~~	- ~~Nitrate S.V. <1.0~~	~~Nitrate S.V. <10~~ ~~Nitrite S.V. <0.06~~	~~Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.~~
~~Total Ammonia (as N) – mg/l~~	~~———~~	~~——d~~	~~Aquatic life.~~
~~Dissolved Oxygen in mg/l~~	- ~~———~~	- ~~>6.0~~	~~Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.~~
~~Suspended Solids – mg/l~~	- ~~———~~	- ~~S.V. <25~~	~~Aquatic life, and municipal and domestic supply.~~
~~Turbidity – NTU~~	~~———~~	~~S.V. <10~~	~~Aquatic life, and municipal and domestic supply.~~
~~Total Dissolved Solids – mg/l~~	- ~~S.V. <200~~	- ~~S.V. <500~~	~~Municipal and domestic supply, irrigation and watering of livestock.~~
~~Chlorides – mg/l~~	~~S.V. <8.0~~	~~S.V. <250~~	~~Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.~~
~~Alkalinity (as CO_3) – mg/l~~	~~———~~	~~<25% change from natural conditions~~	~~Aquatic life and propagation of wildlife.~~
~~Fecal Coliform – No./100ml~~	~~———~~	- ~~<200/400[b]~~	~~Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.~~
~~E coli – No./100ml~~ ~~Annual Geometric~~ ~~Mean~~ ~~Single Value~~	- - ~~———~~ ~~———~~	- - ~~≤126~~ ~~≤410~~	~~Recreation involving contact with the water[b] and recreation not involving contact with the water.~~
~~Color~~	~~———~~	~~——e~~	~~Municipal or domestic supply.~~

-

~~a. 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.~~

b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)

NAC 445A.223 Owyhee River: East Fork south of Owyhee. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Owyhee River

Control Point at New China Dam.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C Maximum ΔT°C[a]	- - ΔT = 0°	May-Oct. <21° Nov.-Apr. <7° ΔT <1°	Aquatic life and recreation involving contact with the water.
pH Units	ΔpH ±0.5	6.5 – 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus (as P) in mg/l	- ———	- —<0.1	Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation not involving contact with the water.
Nitrogen Species (as N) in mg/l	- Nitrate S.V. <1.0	— Nitrate S.V. <10 — Nitrite S.V. <0.06	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N) – mg/l	———	—d	Aquatic life.
Dissolved Oxygen in mg/l	- — —	- —>6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids – mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity – NTU	— —	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids – mg/l	- S.V. <250	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides – mg/l	S.V. <8.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3) – mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform – No./100ml	——— S.V. <125	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.
E coli – No./100ml Annual Geometric Mean Single Value	- - ——— ———	- - ≤126 <410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Color	———	—e	Municipal or domestic supply.

a. 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.
b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
c. Increase in color must not be more than 10 color units above natural conditions.
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

(Added to NAC by Environmental Comm'n, eff. 9-20-90; A by R099-02, 12-17-2002)

NAC 445A.224 Owyhee River: East Fork, Nevada-Idaho state line. (NRS 445A.425, 445A.520)

~~STANDARDS OF WATER QUALITY~~
~~Owyhee River~~

~~Control Point at the Nevada-Idaho state line.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum (a) ΔT°C~~	~~ΔT = 0°~~	~~May-Oct <21° Nov-Apr <7° ΔT <1°~~	~~Aquatic life, water contact recreation.~~
~~pH Units~~	~~ΔpH ±0.5~~	~~6.5 – 9.0~~	~~Aquatic life, municipal and domestic supply, water contact recreation.~~
~~Total Phosphorus (as P) in mg/l~~	~~———~~	~~<0.1~~	~~Aquatic life, water contact recreation, municipal and domestic supply, noncontact recreation.~~
~~Nitrogen Species (as N) in mg/l~~	~~Nitrate S.V. <1.0~~	~~Nitrate S.V. <10 Nitrite S.V. <0.06 Ammonia S.V. <0.02 (un-ionized)~~	~~Municipal and domestic supply, aquatic life, water contact recreation, noncontact recreation.~~
~~Dissolved Oxygen in mg/l~~	~~———~~	~~>6.0~~	~~Aquatic life, water contact recreation, wildlife propagation, stock watering, municipal and domestic supply, noncontact recreation.~~
~~Suspended Solids – mg/l~~	~~———~~	~~S.V. <25~~	~~Aquatic life, municipal and domestic supply.~~
~~Turbidity – NTU~~	~~———~~	~~S.V. <10~~	~~Aquatic life, municipal and domestic supply.~~
~~Total Dissolved Solids – mg/l~~	~~S.V. <240~~	~~S.V. <500~~	~~Municipal and domestic supply, irrigation, stock watering.~~
~~Chlorides – mg/l~~	~~S.V. <11.0~~	~~S.V. <250~~	~~Municipal and domestic supply, wildlife propagation, irrigation, stock watering.~~
~~Alkalinity (as CO_3) – mg/l~~	~~———~~	~~<25% change from natural conditions~~	~~Aquatic life, wildlife propagation.~~
~~Fecal Coliform – No./100ml~~	~~———~~	~~<200/400[b]~~	~~Water contact recreation, noncontact recreation, municipal and domestic supply, irrigation, wildlife propagation.~~
~~Color~~	~~———~~	~~c~~	~~Municipal or domestic supply.~~

~~a. 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.~~
~~b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.~~
~~c. Increase in color must not be more than 10 color units above natural conditions.~~

~~(Added to NAC by Environmental Comm'n, eff. 9-20-90) (Substituted in revision for NAC 445.13975)~~

~~NAC 445A.225 Owyhee River: South Fork. (NRS 445A.425, 445A.520)~~

~~STANDARDS OF WATER QUALITY~~
~~South Fork Owyhee River~~

~~Control Point at Petan Access Road.~~

~~PARAMETER~~	~~REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY~~	~~WATER QUALITY STANDARDS FOR BENEFICIAL USES~~	~~BENEFICIAL USES~~
~~Temperature °C Maximum ΔT°C*~~	~~ΔT = 0°~~	~~May Oct. <21° Nov. Apr. <13° ΔT <1°~~	~~Aquatic life and recreation involving contact with the water.~~
~~pH Units~~	~~ΔpH ±0.5~~	~~6.5 – 9.0~~	~~Aquatic life, municipal and domestic supply and recreation involving contact with the water.~~
~~Total Phosphorus (as P) in mg/l~~	~~———~~	~~<0.1~~	~~Aquatic life, recreation involving contact with the water, municipal and domestic supply, and recreation~~

			not involving contact with the water.
Nitrogen Species (as N) in mg/l	- Nitrate S.V. <1.0	Nitrate S.V. <10 Nitrite S.V. <0.06 -	Municipal and domestic supply, aquatic life, recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia (as N) - mg/l	———	d	Aquatic life.
Dissolved Oxygen in mg/l	- ———	- >6.0	Aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal and domestic supply, and recreation not involving contact with the water.
Suspended Solids - mg/l	- ———	- S.V. <25	Aquatic life, and municipal and domestic supply.
Turbidity - NTU	———	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved Solids - mg/l	- S.V. <280	- S.V. <500	Municipal and domestic supply, irrigation and watering of livestock.
Chlorides - mg/l	S.V. <15.0	S.V. <250	Municipal and domestic supply, propagation of wildlife, irrigation and watering of livestock.
Alkalinity (as CO_3) - mg/l	———	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform - No./100ml	——— -	- <200/400[b]	Recreation involving contact with the water, recreation not involving contact with the water, municipal and domestic supply, irrigation and propagation of wildlife.
E coli - No./100ml Annual Geometric Mean Single Value	- ——— ———	- ≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.
Color	———	e	Municipal or domestic supply.

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a. 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.

b. The annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.

c. Increase in color must not be more than 10 color units above natural conditions.

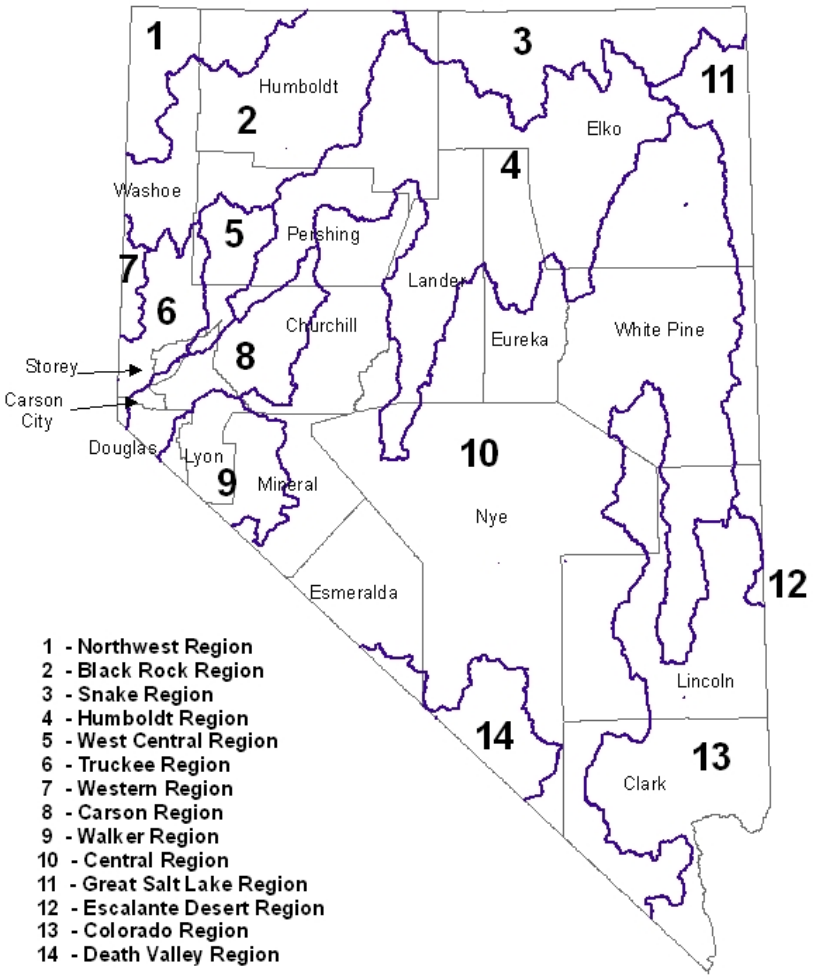
d. The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.146 Hydrographic Regions for designated waterbody segments; Index hydrographic region designated beneficial uses; Index numeric water quality standards.

1. Beneficial uses and numeric water quality standards for the fourteen U.S. Geological Survey established Hydrographic Regions for Nevada are prescribed in the NAC reference for each Region as follows:

Region No.	Hydrographic Region	NAC reference section for:	
		Beneficial Uses	WQ Standards
1	Northwest Region	NAC 445A.148	NAC 445A.149
2	Black Rock Region	NAC 445A.150	NAC 445A.151
3	Snake Region	NAC 445A.152	NAC 445A.153
4	Humboldt Region	NAC 445A.154	NAC 445A.155
5	West Central Region	NAC 445A.156	NAC 445A.157
6	Truckee Region	NAC 445A.158	NAC 445A.159
7	Western Region	NAC 445A.160	NAC 445A.161
8	Carson Region	NAC 445A.162	NAC 445A.163
9	Walker Region	NAC 445A.164	NAC 445A.165
10	Central Region	NAC 445A.166	NAC 445A.167
11	Great Salt Lake Region	NAC 445A.168	NAC 445A.169
12	Escalante Desert Region	NAC 445A.170	NAC 445A.171
13	Colorado Region	NAC 445A.172	NAC 445A.173
14	Death Valley Region	NAC 445A.174	NAC 445A.175

2. Designated waterbody segments within each hydrographic region are presented in NAC 445A.147, identifying the designated waterbody segment name, description, County location and the NAC reference for:
    a. the designated beneficial uses or any approved subcategory thereof that are to be protected; and
    b. the specified section within NAC 445A.147 to NAC 445A.175 inclusive, that prescribe the numeric criteria for selected water quality parameters to protect the designated beneficial uses and, when identified, waters of higher quality of the designated waterbody segment.
3. Index to designated waterbody segments is presented in:
    a. NAC 445A.147.1 by hydrographic region location; and
    b. NAC 445A.147.2 by alphabetical segment name listing.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Humboldt
Elko
Washoe
Pershing
Lander
Churchill
Eureka
White Pine
Storey
Carson City
Douglas
Lyon
Mineral
Nye
Esmeralda
Lincoln
Clark
1 - Northwest Region
2 - Black Rock Region
3 - Snake Region
4 - Humboldt Region
5 - West Central Region
6 - Truckee Region
7 - Western Region
8 - Carson Region
9 - Walker Region
10 - Central Region
11 - Great Salt Lake Region
12 - Escalante Desert Region
13 - Colorado Region
14 - Death Valley Region

NAC445A.147.1 Designated Waters Index

INDEX TABLE – By Hydrographic Region

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
NORTHWEST REGION				
Boulder Reservoir	The entire reservoir.	Washoe	445A.148	445A.149001
Blue Lakes	Entire area.	Humboldt	445A.148	445A.149002
Catnip Reservoir	The entire reservoir.	Washoe	445A.148	445A.149003
Wall Canyon Reservoir	The entire reservoir.	Washoe	445A.148	445A.149004
Knott Creek Reservoir	The entire reservoir.	Humboldt	445A.148	445A.149005
Onion Valley Reservoir	The entire reservoir.	Humboldt	445A.148	445A.149006
BLACK ROCK REGION				
Smoke Creek	Approximately 30 miles east of Susanville California.	Washoe	445A.150	445A.151001
Squaw Creek Reservoir	The entire reservoir.	Washoe	445A.150	445A.151002
Negro Creek	From its origin to the first irrigation diversion, near west line of section 28, T. 36 N., R. 23 E, M.D.B. & M.	Washoe	445A.150	445A.151003
Summit Lake	The entire lake.	Humboldt	445A.150	445A.151004
Mahogany Creek	From its origin to Summit Lake.	Humboldt	445A.150	445A.151005
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.	Humboldt	445A.150	445A.151006
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.	Humboldt	445A.150	445A.151007
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.	Humboldt	445A.150	445A.151008
Bilk Creek Reservoir	The entire reservoir.	Humboldt	445A.150	445A.151009
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.	Humboldt	445A.150	445A.151010
Quinn River	From its origin to the confluence of the east fork and south fork.	Humboldt	445A.150	445A.151011
Quinn River	From the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.	Humboldt	445A.150	445A.151012
Quinn River	From the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south section line of section 17, T. 47 N., R. 38 E.	Humboldt	445A.150	445A.151013
SNAKE REGION				
Big Goose Creek		Elko	445A.152	445A.153001
Shoshone Creek		Elko	445A.152	445A.153002
Jarbidge River, east fork		Elko	445A.152	445A.153003
Jarbidge River		Elko	445A.152	445A.153004

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
Jarbidge River		Elko	445A.152	445A.153005
Bruneau River, west Fork		Elko	445A.152	445A.153006
Owyhee River, east fork		Elko	445A.152	445A.153007
Owyhee River, east fork		Elko	445A.152	445A.153008
Owyhee River, east fork		Elko	445A.152	445A.153009
Owyhee River, south fork		Elko	445A.152	445A.153010
Salmon Falls Creek		Elko	445A.152	445A.153011
Salmon Falls Creek, north fork	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	445A.152	445A.153012
Salmon Falls Creek, South fork	From the national forest boundary to its confluence with the north fork of Salmon Falls Creek.	Elko	445A.152	445A.153013
Camp Creek	From its origin to the national forest boundary.	Elko	445A.152	445A.153014
Camp Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	445A.152	445A.153015
Cottonwood Creek	From its origin to the national forest boundary.	Elko	445A.152	445A.153016
Cottonwood Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	445A.152	445A.153017
Canyon Creek	From its origin to the national forest boundary.	Elko	445A.152	445A.153018
Canyon Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	445A.152	445A.153019
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.	Elko	445A.152	445A.153020
76 Creek	Its entire length.	Elko	445A.152	445A.153021
Owyhee River, east fork, above Wildhorse	From its origin to Wildhorse Reservoir.	Elko	445A.152	445A.153022
Deep Creek	From its origin to the Wildhorse Reservoir.	Elko	445A.152	445A.153023
Penrod Creek	From its origin including tributaries to Wildhorse Reservoir.	Elko	445A.152	445A.153024
Hendricks Creek	From its origin to Wildhorse Reservoir.	Elko	445A.152	445A.153025
Wildhorse Reservoir	The entire reservoir.	Elko	445A.152	445A.153026
Brown's 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.	Elko	445A.152	445A.153027
Jack Creek	From its origin to its confluence with Harrington Creek.	Elko	445A.152	445A.153028
Harrington Creek	From its confluence with Jack Creek to the South Fork of the Owyhee River	Elko	445A.152	445A.153029
Bull Run Reservoir	The entire reservoir.	Elko	445A.152	445A.153030
Wilson Reservoir	The entire reservoir.	Elko	445A.152	445A.153031
HUMBOLDT REGION				
Humboldt River From The	From the upstream source of the	Elko	445A.154	445A.155001

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
Upstream Source Of The Main Stem To Osino	Main stem downstream to Osino.			
Humboldt River From Osino To Palisade	From Osino downstream to the Palisade gage.	Elko	445A.154	445A.155002
Humboldt River	From the Palisade Gage downstream to the Battle Mountain gage.	Eureka	445A.154	445A.155003
Humboldt River	From the Battle Mountain Gage Downstream to where state highway 789 crosses the Humboldt River.	Lander	445A.154	445A.155004
Humboldt River	From the Comus Gage Control Point downstream to the control point at Imlay.	Humboldt	445A.154	445A.155005
Humboldt River at Woolsey	Control point at Woolsey. The limits of this table apply from the control point at Woolsey upstream to the Imlay control point. From Imlay downstream to the Woolsey control Point.	Pershing	445A.154	445A.155006
Humboldt River	From Woolsey to Rodgers Dam	Pershing	445A.154	445A.155007
Humboldt River	From Rodgers Dam to and including Humboldt Sink.	Pershing	445A.154	445A.155008
Humboldt River (N. fork) and tributaries in Independence Mountain Range	From its origin to the national forest boundary	Elko	445A.154	445A.155009
Humboldt River (north fork)	From the national forest boundary to its confluence with Beaver Creek	Elko	445A.154	445A.155010
Humboldt River (north fork)	From its confluence with Beaver Creek to the Humboldt River	Elko	445A.154	445A.155011
Humboldt River (S. Fork) and tributaries	From its origin to Lee	Elko	445A.154	445A.155012
Humboldt River (south fork)	From Lee to its confluence with the Humboldt River	Elko	445A.154	445A.155013
Little Humboldt River	Its entire length	Elko	445A.154	445A.155014
Little Humboldt River (north fork)	From its origin to the national forest boundary	Elko	445A.154	445A.155015
Little Humboldt River (north fork)	From the national forest boundary to its confluence with the south fork of the Little Humboldt River	Elko	445A.154	445A.155016
Little Humboldt River (south fork)	From its origin to Elko-Humboldt county line	Elko	445A.154	445A.155017
Little Humboldt River (south fork)	From the Elko-Humboldt county line to its confluence with the north fork of the Little Humboldt River	Elko	445A.154	445A.155018
Mary's 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.	Elko	445A.154	445A.155019
Mary's River	From the east line of T. 42 N., R. 59 E., M.D.B. & M. to its confluence with the Humboldt River	Elko	445A.154	445A.155020
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	White Pine	445A.154	445A.155021
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek	Elko	445A.154	445A.155022
Maggie Creek	From where it is formed by tributaries to its confluence with Jack Creek.	Elko	445A.154	445A.155023
Maggie Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	Elko	445A.154	445A.155024
Maggie Creek	From its confluence with Soap Creek to the Humboldt River	Elko	445A.154	445A.155025

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
Secret Creek	From its origin to the national forest boundary	Elko	445A.154	445A.155026
Secret Creek	From the national forest boundary to the Humboldt River	Elko	445A.154	445A.155027
Lamoille Creek	From its origin to gaging station number 10-316500 located in the NE 1/4, section 6, T. 32 N., R. 58 E., M.D.B. & M	Elko	445A.154	445A.155028
Lamoille Creek	From gaging station number 10-316500 located in the NE 1/4, section 6, T. 32 N., R. 58 E., M.D.B. & M. to its confluence with the Humboldt River	Elko	445A.154	445A.155029
J. D. Ponds	The entire area	Elko	445A.154	445A.155030
Denay Creek	From its origin to Tonkin Reservoir	Eureka	445A.154	445A.155031
Tonkin Reservoir	The entire reservoir	Eureka	445A.154	445A.155032
Denay Creek	Below Tonkin Reservoir	Eureka	445A.154	445A.155033
Rock Creek	From its origin to Squaw Valley Ranch	Eureka	445A.154	445A.155034
Rock Creek	Below Squaw Valley Ranch	Elko	445A.154	445A.155035
Willow Creek	From its origin to Willow Creek Reservoir	Elko	445A.154	445A.155036
Willow Creek Reservoir	The entire reservoir	Elko	445A.154	445A.155037
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near north line of section 13, T. 35 N., R. 39 E, M.D.B. & M	Elko	445A.154	445A.155038
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near west line of section 12, T. 35 N., R. 38 E, M.D.B. & M.	Lander	445A.154	445A.155039
Martin Creek	From its origin to the national forest boundary	Nye	445A.154	445A.155040
Martin Creek	From the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	Nye	445A.154	445A.155041
Dutch John Creek	The entire length	Lander	445A.154	445A.155042
Huntington Creek	From its origin to the White Pine-Elko county line	Nye	445A.154	445A.155043
Huntington Creek	From White Pine county line to confluence with Smith Creek	Lander	445A.154	445A.155044
Huntington Creek	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River	Lander	445A.154	445A.155045
Green Mountain Creek	From its origin to the national forest boundary	Lander	445A.154	445A.155046
Green Mountain Creek	From the national forest boundary to its confluence with Corral Creek	Lander	445A.154	445A.155047
Toyn Creek	From its origin to the national forest boundary	Humboldt	445A.154	445A.155048
Reese Creek	From its origin to its confluence with Indian Creek	Humboldt	445A.154	445A.155049
Reese River	From its confluence with Indian Creek to Nevada State Route 722 (old U.S. Highway 50)	Humboldt	445A.154	445A.155050
Reese River	North of Nevada State Route 722 (old U.S. Highway 50)	Elko	445A.154	445A.155051
San Juan Creek	From its origin to the national forest boundary	Humboldt	445A.154	445A.155052
Big Creek	From its origin to the east boundary of United States Forest Service Big Creek Campground	Humboldt	445A.154	445A.155053
Big Creek	From the east boundary of the United States Forest Service 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.	Humboldt	445A.154	445A.155054
Mill Creek	From its origin to the first point of diversion,	Humboldt	445A.154	445A.155055

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
	near the south line of section 22, T.29 N., R. 44 E, M.D.B. & M			
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.	Humboldt	445A.154	445A.155056
Iowa Canyon Reservoir	The entire reservoir	Elko	445A.154	445A.155057
Starr Creek	From the confluence of Ackler and Herder Creeks to the Humboldt River.	Humboldt	445A.154	445A.155058
WEST CENTRAL REGION				
	There are no designated waters in the West Central Region.		445A.156	445A.157
TRUCKEE REGION				
Lake Tahoe	Existing sampling points	Washoe	445A.158	445A.159001
Lake Tahoe Tributaries	All tributaries to Lake Tahoe located in Nevada not included in NAC445A.167003 to 445A167017	Washoe	445A.158	445A.159002
Incline Creek, East Fork	The East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek.	Washoe	445A.158	445A.159003
Incline Creek, West Fork	The West Fork of the Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek.	Washoe	445A.158	445A.159004
Incline Creek	Incline Creek from the confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.	Washoe	445A.158	445A.159005
Third Creek, East Fork	The East Fork of Third Creek at State Highway 431 to the origin of the East Fork of Third Creek.	Washoe	445A.158	445A.159006
Third Creek	Third Creek from the confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.	Washoe	445A.158	445A.159007
Wood Creek	Wood Creek from the confluence with Lake Tahoe to the origin of Wood Creek.	Washoe	445A.158	445A.159008
Second Creek at Second Creek Drive	Second Creek from Second Creek Drive to the origin of Second Creek.	Washoe	445A.158	445A.159009
Second Creek at Lakeshore Drive	Second Creek from the confluence with Lake Tahoe to Second Creek Drive.	Washoe	445A.158	445A.159010
First Creek at Dale and Knotty Pine Drives	First Creek from Dale and Knotty Pine Drives to the origin of First Creek.	Washoe	445A.158	445A.159011
First Creek at Lakeshore Drive	First Creek from the confluence with Lake Tahoe to Dale and Knotty Pine Drives.	Washoe	445A.158	445A.159012
Glenbrook Creek	Glenbrook Creek from the confluence with Lake Tahoe to the origin of Glenbrook Creek.	Washoe	445A.158	445A.159013
Logan House Creek	Logan House Creek from the confluence with Lake Tahoe to the origin of Logan House Creek.	Washoe	445A.158	445A.159014
Eagle Rock Creek	Eagle Rock Creek from the confluence with Edgewood Creek to the origin of Eagle Rock Creek.	Washoe	445A.158	445A.159015
Edgewood Creek at Palisades Drive	Edgewood Creek 50 feet downstream from the culvert at Palisades Drive upstream to the origins of Edgewood Creek.	Washoe	445A.158	445A.159016
Edgewood Creek at Stateline	Edgewood Creek from the confluence with	Washoe	445A.158	445A.159017

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
	Lake Tahoe upstream to 50 feet downstream from the culvert at Palisades Drive on Edgewood Creek at Palisades Drive.			
Truckee River at the state line	At the California-Nevada state line	Washoe	445A.158	445A.159018
Truckee River at Idlewild	The Truckee River from the California – Nevada stateline downstream to Idlewild	Washoe	445A.158	445A.159019
Truckee River at East McCarran	The Truckee River from Idlewild downstream to East McCarran bridge.	Washoe	445A.158	445A.159020
Truckee River at Lockwood Bridge	The Truckee River from East McCarran bridge downstream to the Lockwood Bridge	Carson City	445A.158	445A.159021
Truckee River at Derby Dam	The Truckee River from the Lockwood Bridge downstream to Derby Dam	Carson City	445A.158	445A.159022
Truckee River at Wadsworth Gage.	The Truckee River from Derby Dam downstream to Wadsworth Gage	Carson City	445A.158	445A.159023
Truckee River at Pyramid Lake	The Truckee river from the Wadsworth Gage downstream to Pyramid Lake	Carson City	445A.158	445A.159024
Bronco Creek		Douglas	445A.158	445A.159025
Grey Creek		Douglas	445A.158	445A.159026
Hunter Creek	From its origin to Hunter Lake.	Douglas	445A.158	445A.159027
Hunter Lake	The entire lake.	Douglas	445A.158	445A.159028
Hunter Creek	From Hunter Lake to its confluence with the Truckee River.	Douglas	445A.158	445A.159029
Washoe Lakes	The entire lakes.	Douglas	445A.158	445A.159030
Steamboat Creek	From Little Washoe Lake to gaging station number 10-349300 located in the S 1/2, section 33, T. 18 N., R. 20 E., M.D.B. & M.	Douglas	445A.158	445A.159031
Steamboat Creek	From gaging station number 10-349300 located in S 1/2, section 33, T. 18 N., R. 20 E., M.D.B. & M. to its confluence with the Truckee River.	Douglas	445A.158	445A.159032
Franktown Creek	From its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19E, M.D.B. & M.	Douglas	445A.158	445A.159033
Franktown Creek	From the first irrigation diversion near the north line of section 9, T. 16 N., R. 19E, to Washoe Lake.	Douglas	445A.158	445A.159034
Hobart Reservoir And Tributaries	The entire system.	Washoe	445A.158	445A.159035
Ophir Creek	From its origin to State Route 429 (old U.S. highway 395).	Washoe	445A.158	445A.159036
Ophir Creek	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	Washoe	445A.158	445A.159037
Price's Lakes	The entire lake.	Washoe	445A.158	445A.159038
Davis Lake	The entire lake.	Washoe	445A.158	445A.159039
Galena Creek	From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.	Washoe	445A.158	445A.159040
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 SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M.	Washoe	445A.158	445A.159041
Galena Creek	From gaging station number 10-348900 located in the SW 1/4, SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.	Washoe	445A.158	445A.159042
White's Creek	From its origin to the east line of section 33,	Washoe	445A.158	445A.159043

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
	T. 18 N., R. 19 E., M.D.B. & M.			
White's Creek	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	Washoe	445A.158	445A.159044
White's Creek	Below Steamboat Ditch.	Washoe	445A.158	445A.159045
Lagomarsino Creek	The entire length.	Washoe	445A.158	445A.159046
Tracy Pond	The entire area.	Washoe	445A.158	445A.159047
WESTERN REGION				
	There are no designated waters in the Western Region.		445A.160	445A.161
CARSON REGION				
Carson River West Fork at state line	The west fork at the state line	Douglas	445A.162	445A.163001
Bryant Creek near the state line	Bryant Creek at state line	Douglas	445A.162	445A.163002
Carson River East Fork at the state line	The East Fork at the state line	Douglas	445A.162	445A.163003
Carson River East Fork at Highway 395 south of Gardnerville	The East Fork from the state line downstream to the Riverview Mobile Home Park at highway 395	Douglas	445A.162	445A.163004
Carson River East Fork at Muller Lane	The East Fork from Highway 395 South of Gardnerville (Riverview Home Park) to Muller Lane	Douglas	445A.162	445A.163005
Carson River at Genoa Lane	From the East Fork at Muller Lane to Genoa Lane & the West Fork at state line to Genoa Lane	Douglas	445A.162	445A.163006
Carson River at Cradlebaugh Bridge	The Carson River from Genoa Lane to Highway 395, at Cradlebaugh Bridge	Douglas	445A.162	445A.163007
Carson River at Mexican Ditch Gage	. The Carson River from Highway 395, at Cradlebaugh Bridge to Mexican Ditch Gage	Douglas	445A.162	445A.163008
Carson River near New Empire	The Carson River from Mexican Ditch Gage to New Empire	Carson City	445A.162	445A.163009
Carson River at Dayton Bridge	The Carson River from New Empire to the Dayton Bridge	Lyon	445A.162	445A.163010
Carson River at Weeks	The Carson River from the Dayton Bridge to U.S. Highway 95 bridge at Weeks	Lyon	445A.162	445A.163011
Carson River at Lahontan Dam	The Carson River from the U.S. Highway 95 bridge at Weeks to Lahontan Dam.	Lyon	445A.162	445A.163012
Lower Carson River	From Lahontan Reservoir to Carson Sink (the natural channel)	Churchill	445A.162	445A.163013
Daggett Creek	From its origin to the Carson River.	Douglas	445A.162	445A.163014
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.	Douglas	445A.162	445A.163015
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.	Douglas	445A.162	445A.163016
Clear Creek	From its origin to gaging station number 10-3105 located in NE 1/4 NE 1/4, section 1, T. 14 N., R. 19E, M.D.B. & M.	Carson City	445A.162	445A.163017
Clear Creek	From gaging station number 10-3105 located in the NE 1/4 NW 1/4, section 1, T. 14 N., R. 19 E., M.D.B. & M. to the Carson River.	Carson City	445A.162	445A.163018
Kings Canyon	From its origin to the point of the diversion of the Carson City water department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	Carson City	445A.162	445A.163019

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
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.	Carson City	445A.162	445A.163020
V-Line Canal	From the Carson diversion dam to its division into the S & L Canals.	Churchill	445A.162	445A.163021
Rattlesnake Reservoir	Also known as S-Line Reservoir, the entire reservoir.	Churchill	445A.162	445A.163022
Indian Lakes	All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.	Churchill	445A.162	445A.163023
Diagonal Drain	Its entire length.	Churchill	445A.162	445A.163024
South Carson Lake	Also known as Government Pasture or the Greenhead Gun Club, the entire lake.	Churchill	445A.162	445A.163025
Harmon Reservoir	The entire reservoir.	Churchill	445A.162	445A.163026
Stillwater Marsh	All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	Churchill	445A.162	445A.163027
Stillwater Marsh	All that area of Stillwater east and south of the Community of Stillwater.	Churchill	445A.162	445A.163028
WALKER REGION				
West Walker River	The West Walker River at the state line	Douglas	445A.164	445A.165001
Topaz Lake	At various points in Topaz Lake	Douglas	445A.164	445A.165002
West Walker River	The West Walker River from the state line downstream to the West Walker River near Wellington	Douglas	445A.164	445A.165003
West Walker River	The West Walker River near Wellington downstream to the confluence with East Walker River near Nordyke Road.	Lyon	445A.164	445A.165004
Sweetwater Creek	Sweetwater Creek from the state line to its confluence with the East Walker River	Lyon	445A.164	445A.165005
East Walker River	The East Walker River at the state line	Lyon	445A.164	445A.165006
East Walker River	The East Walker River from the state line to Bridge B-1475.	Lyon	445A.164	445A.165007
East Walker River	The East Walker River from Bridge B-1475 downstream to its confluence with the West Walker River near Nordyke Road.	Lyon	445A.164	445A.165008
Walker River	The Walker River from the confluence of the East and West Walker Rivers downstream to the inlet to Weber Reservoir	Lyon	445A.164	445A.165009
Walker River	The Walker River from Webber Reservoir downstream to the inlet to Walker Lake.	Mineral	445A.164	445A.165010
Walker Lake	The entire lake	Mineral	445A.164	445A.165011
Desert Creek	From the state line to its confluence with the West Walker River	Lyon	445A.164	445A.165012
Mason Wildlife Area	Hinkson Slough, Bass Pond, Crappie Pond and North Pond	Lyon	445A.164	445A.165013
Mason Wildlife Area	All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond	Mineral	445A.164	445A.165014
Weber Reservoir	The entire reservoir.	Mineral	445A.164	445A.165015
Cottonwood Creek	From its origin to the point of diversion of the town of Hawthorne	Mineral	445A.164	445A.165016

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
Squaw Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	445A.164	445A.165017
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	445A.164	445A.165018
Corey Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	445A.164	445A.165019
CENTRAL REGION				
Chiatovich Creek	Above the Highway Maintenance station.	Esmeralda	445A.166	445A.167001
Indian Creek	Above the center of section 9, T. 2 S., R 34 E.	Esmeralda	445A.166	445A.167002
Leidy Creek	Above the hydroelectric plant.	Esmeralda	445A.166	445A.167003
Fish Lake	The entire lake.	Esmeralda	445A.166	445A.167004
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.	Pershing	445A.166	445A.167005
Willow Creek Reservoir	The entire reservoir.	Lander	445A.166	445A.167006
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	Nye	445A.166	445A.167007
Jett Creek	From its origin to the national forest boundary.	Nye	445A.166	445A.167008
Twin River (S. Fork)	From its origin to the first point of diversion, near the national forest boundary.	Nye	445A.166	445A.167009
Twin River (N. Fork)	From its origin to the first point of diversion, near the national forest boundary.	Nye	445A.166	445A.167010
Kingston Creek	From its origin to Groves Reservoir.	Lander	445A.166	445A.167011
Groves Lake	The entire lake.	Lander	445A.166	445A.167012
Kingston Creek	Below Groves Lake.	Lander	445A.166	445A.167013
Birch Creek	From its origin to the national forest boundary.	Lander	445A.166	445A.167014
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.	Lander	445A.166	445A.167015
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.	Lander	445A.166	445A.167016
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R 46E, M.D.B. & M	Lander	445A.166	445A.167017
Pine Creek (Nye County)	From its origin to the national forest boundary.	Nye	445A.166	445A.167018
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	Nye	445A.166	445A.167019
Mosquito Creek	From its origin to the national forest boundary.	Nye	445A.166	445A.167020
Stoneberger Creek	From its origin to the national forest boundary.	Nye	445A.166	445A.167021
Roberts Creek	From its origin to Roberts Creek Reservoir.	Eureka	445A.166	445A.167022
Roberts Creek	Below Roberts Creek Reservoir.	Eureka	445A.166	445A.167023
Fish Springs Pond	The entire pond.	Eureka	445A.166	445A.167024
Illipah Reservoir	The entire reservoir.	White Pine	445A.166	445A.167025
Ruby Marsh	The entire area.	Elko	445A.166	445A.167026
Angel Lake	The entire lake. .	Elko	445A.166	445A.167027
Pole Canyon Creek	From its origin to where it becomes Franklin River.	Elko	445A.166	445A.167028

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
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.	White Pine	445A.166	445A.167029
Gleason Creek	From its origin to State Highway 485 (old State Highway 44).	White Pine	445A.166	445A.167030
Gleason Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	White Pine	445A.166	445A.167031
Murray Creek	From its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.	White Pine	445A.166	445A.167032
Comins Reservoir	The entire reservoir.	White Pine	445A.166	445A.167033
North Creek	From its origin to pipeline intake, near the north line of section 20, T. 19 N., R. 65 E, M.D.B. & M.	White Pine	445A.166	445A.167034
East Creek	From its origin to pipeline intake, near the national forest boundary	White Pine	445A.166	445A.167035
Bird Creek	From its origin to pipeline intake near bird creek campground.	White Pine	445A.166	445A.167036
Timber Creek	From its origin to pipeline intake, near the west line section 27, T. 18 N., R. 65 E, M.D.B. & M.	White Pine	445A.166	445A.167037
Berry Creek	From its origin to pipeline intake near the national forest boundary.	White Pine	445A.166	445A.167038
Duck Creek	From its origin to pipeline intake, near the center of section of section 24, T. 18 N., R. 64 E, M.D.B. & M.	White Pine	445A.166	445A.167039
Cleve Creek	From its origin to the national forest boundary.	White Pine	445A.166	445A.167040
Cave Creek	Its entire length.	White Pine	445A.166	445A.167041
Cave Lake	The entire lake.	White Pine	445A.166	445A.167042
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.	White Pine	445A.166	445A.167043
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.	White Pine	445A.166	445A.167044
Current Creek	From its origin to the national forest boundary.	Nye	445A.166	445A.167045
Currant Creek	From the National Forest Boundary to Current.	Nye	445A.166	445A.167046
GREAT SALT LAKE REGION				
Snake Creek	Above the fish hatchery	White Pine	445A.168	445A.169001
Snake Creek	From control point above fish hatchery to the Nevada-Utah state line.	White Pine	445A.168	445A.169002
Baker Creek	From its origin to the national forest boundary	White Pine	445A.168	445A.169003
Lehman Creek	From its origin to the national forest boundary.	White Pine	445A.168	445A.169004
Silver Creek	From its origin to the national forest boundary.	White Pine	445A.168	445A.169005
Hendry's Creek	From its origin to the national forest boundary.	White Pine	445A.168	445A.169006
Silver Creek Reservoir	The entire reservoir.	White Pine	445A.168	445A.169007

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
ESCALANTE DESERT REGION				
	There are no designated waters in the Escalante Desert Region.		445A.170	445A.171
COLORADO REGION				
Colorado River below Davis Dam	The Colorado River From The Lake Mohave inlet downstream to the state line below Davis Dam.	Clark	445A.172	445A.173001
Colorado River below Hoover Dam	The Colorado River From Hover Dam downstream t the inlet to Lake Mohave.	Clark	445A.172	445A.173002
Lake Mead	Excluding the area not covered by NAC 445A.196 (Inner Las Vegas Bay)	Clark	445A.172	445A.173003
Lake Vegas Bay	Lake Mead from the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay from the Confluence.	Clark	445A.172	445A.173004
Las Vegas Wash	Las Vegas Wash from Telephone Line Road to confluences of discharges from City of Las Vegas and Clark County wastewater treatment plants	Clark	445A.172	445A.173005
Las Vegas Wash	From confluence of Las Vegas Wash with Lake Mead to Telephone Line Road	Clark	445A.172	445A.173006
Virgin River at Mesquite	The Virgin River from the state line downstream to Mesquite.	Clark	445A.172	445A.173007
Virgin River at the state line near Littlefield	The Virgin River at the Arizona-Nevada state line (near Littlefield, Arizona).	Clark	445A.172	445A.173008
Virgin River at Riverside	The Virgin River from Mesquite downstream to the river mouth at Lake Mead.	Clark	445A.172	445A.173009
Muddy River at Glendale Bridge	The Muddy River from the river source downstream to Glendale Bridge.	Clark	445A.172	445A.173010
Muddy River at Overton	The Muddy River from the Glendale Bridge downstream to the mouth of the River at Lake Mead.	Clark	445A.172	445A.173011
Meadow Valley Wash	The Meadow Valley Wash from the Bridge above Rox downstream to the Muddy River.	Clark	445A.172	445A.173012
Beaver Dam Wash	Above Schroeder Reservoir	Lincoln	445A.172	445A.173013
Schroeder Reservoir	The entire reservoir.	Lincoln	445A.172	445A.173014
White River	From its origin to the national forest boundary.	White Pine	445A.172	445A.173015
White River	From the national forest boundary to its confluence with Ellison Creek.	White Pine	445A.172	445A.173016
Dacey Reservoir	The entire reservoir.	Nye	445A.172	445A.173017
Sunnyside Creek	From its origin to the Adams McGill Reservoir.	Nye	445A.172	445A.173018
Adams McGill Reservoir	The entire reservoir.	Nye	445A.172	445A.173019
Hay Meadow Reservoir	The entire reservoir.	Nye	445A.172	445A.173020
Nesbitt Lake	The entire lake.	Lincoln	445A.172	445A.173021
Pahranagat Reservoir	The entire reservoir.	Lincoln	445A.172	445A.173022
Bowman Reservoir	The entire reservoir.	Clark	445A.172	445A.173023
Eagle Valley Reservoir	The entire reservoir.	Lincoln	445A.172	445A.173024
Echo Canyon Reservoir	The entire reservoir.	Lincoln	445A.172	445A.173025
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.	Lincoln	445A.172	445A.173026

Waterbody Name	Waterbody Description	County	NAC445A.XXXXX	
			Beneficial Use	Water Quality Standards
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	Lincoln	445A.172	445A.173027
DEATH VALLEY REGION				
	There are no designated waters in the Death Valley Region.		445A.174	445A.175

NAC445A.147.2 Designated Waters Index

Index Table - Alphabetically By Waterbody Name

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
76 Creek	Its entire length.	Elko	Snake	445A.152	445A.153021
Adams McGill Reservoir	The entire reservoir.	Nye	Colorado	445A.172	445A.173019
Angel Lake	The entire lake. .	Elko	Central	445A.166	445A.167027
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.	Carson City	Carson	445A.162	445A.163020
Baker Creek	From its origin to the national forest boundary	White Pine	Great Salt Lake	445A.168	445A.169003
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	Nye	Central	445A.166	445A.167019
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.	Elko	Snake	445A.152	445A.153020
Beaver Dam Wash	Above Schroeder Reservoir	Lincoln	Colorado	445A.172	445A.173013
Berry Creek	From its origin to pipeline intake near the national forest boundary.	White Pine	Central	445A.166	445A.167038
Big Creek	From its origin to the east boundary of United States Forest Service Big Creek Campground	Humboldt	Humboldt	445A.154	445A.155053
Big Creek	From the east boundary of the United States Forest Service 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.	Humboldt	Humboldt	445A.154	445A.155054
Big Goose Creek		Elko	Snake	445A.152	445A.153001
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.	Humboldt	Black Rock	445A.150	445A.151007
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.	Humboldt	Black Rock	445A.150	445A.151008
Bilk Creek Reservoir	The entire reservoir.	Humboldt	Black Rock	445A.150	445A.151009
Birch Creek	From its origin to the national forest boundary.	Lander	Central	445A.166	445A.167014
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.	Lander	Central	445A.166	445A.167015
Bird Creek	From its origin to pipeline intake near bird creek campground.	White Pine	Central	445A.166	445A.167036
Blue Lakes	Entire area.	Humboldt	Northwest	445A.148	445A.149002
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.	Humboldt	Black Rock	445A.150	445A.151010
Boulder Reservoir	The entire reservoir.	Washoe	Northwest	445A.148	445A.149001
Bowman Reservoir	The entire reservoir.	Clark	Colorado	445A.172	445A.173023
Bronco Creek		Douglas	Truckee	445A.158	445A.159025
Brown's Gulch	From its origin to the point of diversion for the Mountain City municipal water	Elko	Snake	445A.152	445A.153027

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	supply, near the south line of section 24, T. 46 N., R. 53 E, M.D.B. & M.				
Bruneau River, west Fork		Elko	Snake	445A.152	445A.153006
Bryant Creek near the state line	Bryant Creek at state line	Douglas	Carson	445A.162	445A.163002
Bull Run Reservoir	The entire reservoir.	Elko	Snake	445A.152	445A.153030
Camp Creek	From its origin to the national forest boundary.	Elko	Snake	445A.152	445A.153014
Camp Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	Snake	445A.152	445A.153015
Canyon Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	Snake	445A.152	445A.153019
Canyon Creek	From its origin to the national forest boundary.	Elko	Snake	445A.152	445A.153018
Carson River at Cradlebaugh Bridge	The Carson River from Genoa Lane to Highway 395, at Cradlebaugh Bridge	Douglas	Carson	445A.162	445A.163007
Carson River at Dayton Bridge	The Carson River from New Empire to the Dayton Bridge	Lyon	Carson	445A.162	445A.163010
Carson River at Genoa Lane	From the East Fork at Muller Lane to Genoa Lane & the West Fork at state line to Genoa Lane	Douglas	Carson	445A.162	445A.163006
Carson River at Lahontan Dam	The Carson River from the U.S. Highway 95 bridge at Weeks to Lahontan Dam.	Lyon	Carson	445A.162	445A.163012
Carson River at Mexican Ditch Gage	. The Carson River from Highway 395, at Cradlebaugh Bridge to Mexican Ditch Gage	Douglas	Carson	445A.162	445A.163008
Carson River at Weeks	The Carson River from the Dayton Bridge to U.S. Highway 95 bridge at Weeks	Lyon	Carson	445A.162	445A.163011
Carson River East Fork at Highway 395 south of Gardnerville	The East Fork from the state line downstream to the Riverview Mobile Home Park at highway 395	Douglas	Carson	445A.162	445A.163004
Carson River East Fork at Muller Lane	The East Fork from Highway 395 South of Gardnerville (Riverview Home Park) to Muller Lane	Douglas	Carson	445A.162	445A.163005
Carson River East Fork at the state line	The East Fork at the state line	Douglas	Carson	445A.162	445A.163003
Carson River near New Empire	The Carson River from Mexican Ditch Gage to New Empire	Carson City	Carson	445A.162	445A.163009
Carson River West Fork at state line	The west fork at the state line	Douglas	Carson	445A.162	445A.163001
Catnip Reservoir	The entire reservoir.	Washoe	Northwest	445A.148	445A.149003
Cave Creek	Its entire length.	White Pine	Central	445A.166	445A.167041
Cave Lake	The entire lake.	White Pine	Central	445A.166	445A.167042
Chiatovich Creek	Above the Highway Maintenance station.	Esmeralda	Central	445A.166	445A.167001
Clear Creek	From its origin to gaging station number 10-3105 located in NE 1/4 NE 1/4, section 1, T. 14 N., R. 19E, M.D.B. & M.	Carson City	Carson	445A.162	445A.163017
Clear Creek	From gaging station number 10-3105 located in the NE 1/4 NW 1/4, section 1, T. 14 N., R. 19 E., M.D.B. & M. to the Carson River.	Carson City	Carson	445A.162	445A.163018
Cleve Creek	From its origin to the national forest boundary.	White Pine	Central	445A.166	445A.167040

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
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.	Lincoln	Colorado	445A.172	445A.173026
Colorado River below Davis Dam	The Colorado River From The Lake Mohave inlet downstream to the state line below Davis Dam.	Clark	Colorado	445A.172	445A.173001
Colorado River below Hoover Dam	The Colorado River From Hover Dam downstream t the inlet to Lake Mohave.	Clark	Colorado	445A.172	445A.173002
Comins Reservoir	The entire reservoir.	White Pine	Central	445A.166	445A.167033
Corey Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	Walker	445A.164	445A.165019
Cottonwood Creek	From its origin to the national forest boundary.	Elko	Snake	445A.152	445A.153016
Cottonwood Creek	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	Snake	445A.152	445A.153017
Cottonwood Creek	From its origin to the point of diversion of the town of Hawthorne	Mineral	Walker	445A.164	445A.165016
Currant Creek	From the National Forest Boundary to Current.	Nye	Central	445A.166	445A.167046
Current Creek	From its origin to the national forest boundary.	Nye	Central	445A.166	445A.167045
Dacey Reservoir	The entire reservoir.	Nye	Colorado	445A.172	445A.173017
Daggett Creek	From its origin to the Carson River.	Douglas	Carson	445A.162	445A.163014
Davis Lake	The entire lake.	Washoe	Truckee	445A.158	445A.159039
Deep Creek	From its origin to the Wildhorse Reservoir.	Elko	Snake	445A.152	445A.153023
Denay Creek	From its origin to Tonkin Reservoir	Eureka	Humboldt	445A.154	445A.165031
Denay Creek	Below Tonkin Reservoir	Eureka	Humboldt	445A.154	445A.155033
Desert Creek	From the state line to its confluence with the West Walker River	Lyon	Walker	445A.164	445A.165012
Diagonal Drain	Its entire length.	Churchill	Carson	445A.162	445A.163024
Duck Creek	From its origin to pipeline intake, near the center of section of section 24, T. 18 N., R. 64 E, M.D.B. & M.	White Pine	Central	445A.166	445A.167039
Dutch John Creek	The entire length	Lander	Humboldt	445A.154	445A.155042
Eagle Rock Creek	Eagle Rock Creek from the confluence with Edgewood Creek to the origin of Eagle Rock Creek.	Washoe	Truckee	445A.158	445A.159015
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	Lincoln	Colorado	445A.172	445A.173027
Eagle Valley Reservoir	The entire reservoir.	Lincoln	Colorado	445A.172	445A.173024
East Creek	From its origin to pipeline intake, near the national forest boundary	White Pine	Central	445A.166	445A.167035
East Walker River	The East Walker River at the state line	Lyon	Walker	445A.164	445A.165006
East Walker River	The East Walker River from the state line to Bridge B-1475.	Lyon	Walker	445A.164	445A.165007
East Walker River	The East Walker River from Bridge B-1475 downstream to its confluence with the West Walker River near Nordyke Road.	Lyon	Walker	445A.164	445A.165008
Echo Canyon Reservoir	The entire reservoir.	Lincoln	Colorado	445A.172	445A.173025
Edgewood Creek at Palisades Drive	Edgewood Creek 50 feet downstream from the culvert at Palisades Drive upstream to the origins of Edgewood	Washoe	Truckee	445A.158	445A.159016

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	Creek.				
Edgewood Creek at Stateline	Edgewood Creek from the confluence with Lake Tahoe upstream to 50 feet downstream from the culvert at Palisades Drive on Edgewood Creek at Palisades Drive.	Washoe	Truckee	445A.158	445A.159017
First Creek at Dale and Knotty Pine Drives	First Creek from Dale and Knotty Pine Drives to the origin of First Creek.	Washoe	Truckee	445A.158	445A.159011
First Creek at Lakeshore Drive	First Creek from the confluence with Lake Tahoe to Dale and Knotty Pine Drives.	Washoe	Truckee	445A.158	445A.159012
Fish Lake	The entire lake.	Esmeralda	Central	445A.166	445A.167004
Fish Springs Pond	The entire pond.	Eureka	Central	445A.166	445A.167024
Franktown Creek	From its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19E, M.D.B. & M.	Douglas	Truckee	445A.158	445A.159033
Franktown Creek	From the first irrigation diversion near the north line of section 9, T. 16 N., R. 19E, to Washoe Lake.	Douglas	Truckee	445A.158	445A.159034
Galena Creek	From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.	Washoe	Truckee	445A.158	445A.159040
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 SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M.	Washoe	Truckee	445A.158	445A.159041
Galena Creek	From gaging station number 10-348900 located in the SW 1/4, SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.	Washoe	Truckee	445A.158	445A.159042
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.	Douglas	Carson	445A.162	445A.163015
Gleason Creek	From its origin to State Highway 485 (old State Highway 44).	White Pine	Central	445A.166	445A.167030
Gleason Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	White Pine	Central	445A.166	445A.167031
Glenbrook Creek	Glenbrook Creek from the confluence with Lake Tahoe to the origin of Glenbrook Creek.	Washoe	Truckee	445A.158	445A.159013
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.	White Pine	Central	445A.166	445A.167029
Green Mountain Creek	From its origin to the national forest boundary	Lander	Humboldt	445A.154	445A.155046
Green Mountain Creek	From the national forest boundary to its confluence with Corral Creek	Lander	Humboldt	445A.154	445A.155047
Grey Creek		Douglas	Truckee	445A.158	445A.159026
Groves Lake	The entire lake.	Lander	Central	445A.166	445A.167012
Harmon Reservoir	The entire reservoir.	Churchill	Carson	445A.162	445A.163026
Harrington Creek	From its confluence with Jack Creek to the South Fork of the Owyhee River	Elko	Snake	445A.152	445A.153029
Hay Meadow Reservoir	The entire reservoir.	Nye	Colorado	445A.172	445A.173020
Hendricks Creek	From its origin to Wildhorse Reservoir.	Elko	Snake	445A.152	445A.153025
Hendry's Creek	From its origin to the national forest	White Pine	Great Salt Lake	445A.168	445A.169006

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	boundary.				
Hobart Reservoir And Tributaries	The entire system.	Washoe	Truckee	445A.158	445A.159035
Humboldt River	From the Palisade Gage downstream to the Battle Mountain gage.	Eureka	Humboldt	445A.154	445A.155003
Humboldt River	From the Battle Mountain Gage Downstream to where state highway 789 crosses the Humboldt River.	Lander	Humboldt	445A.154	445A.155004
Humboldt River	From the Comus Gage Control Point downstream to the control point at Imlay.	Humboldt	Humboldt	445A.154	445A.155005
Humboldt River	From Woolsey to Rodgers Dam	Pershing	Humboldt	445A.154	445A.155007
Humboldt River	From Rodgers Dam to and including Humboldt Sink.	Pershing	Humboldt	445A.154	445A.155008
Humboldt River (N. fork) and tributaries in Independence Mountain Range	From its origin to the national forest boundary	Elko	Humboldt	445A.154	445A.155009
Humboldt River (north fork)	From the national forest boundary to its confluence with Beaver Creek	Elko	Humboldt	445A.154	445A.155010
Humboldt River (north fork)	From its confluence with Beaver Creek to the Humboldt River	Elko	Humboldt	445A.154	445A.155011
Humboldt River (S. Fork) and tributaries	From its origin to Lee	Elko	Humboldt	445A.154	445A.155012
Humboldt River (south fork)	From Lee to its confluence with the Humboldt River	Elko	Humboldt	445A.154	445A.155013
Humboldt River at Woolsey	Control point at Woolsey. The limits of this table apply from the control point at Woolsey upstream to the Imlay control point. From Imlay downstream to the Woolsey control Point.	Pershing	Humboldt	445A.154	445A.155006
Humboldt River From Osino To Palisade	From Osino downstream to the Palisade gage.	Elko	Humboldt	445A.154	445A.155002
Humboldt River From The Upstream Source Of The Main Stem To Osino	From the upstream source of the main stem downstream to Osino.	Elko	Humboldt	445A.154	445A.155001
Hunter Creek	From its origin to Hunter Lake.	Douglas	Truckee	445A.158	445A.159027
Hunter Creek	From Hunter Lake to its confluence with the Truckee River.	Douglas	Truckee	445A.158	445A.159029
Hunter Lake	The entire lake.	Douglas	Truckee	445A.158	445A.159028
Huntington Creek	From its origin to the White Pine-Elko county line	Nye	Humboldt	445A.154	445A.155043
Huntington Creek	From White Pine county line to confluence with Smith Creek	Lander	Humboldt	445A.154	445A.155044
Huntington Creek	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River	Lander	Humboldt	445A.154	445A.155045
Illipah Reservoir	The entire reservoir.	White Pine	Central	445A.166	445A.167025
Incline Creek	Incline Creek from the confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.	Washoe	Truckee	445A.158	445A.159005
Incline Creek, East Fork	The East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek.	Washoe	Truckee	445A.158	445A.159003
Incline Creek, West Fork	The West Fork of the Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek.	Washoe	Truckee	445A.158	445A.159004
Indian Creek	Above the center of section 9, T. 2 S.,	Esmeralda	Central	445A.166	445A.167002

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	R 34 E.				
Indian Lakes	All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.	Churchill	Carson	445A.162	445A.163023
Iowa Canyon Reservoir	The entire reservoir	Elko	Humboldt	445A.154	445A.155057
J. D. Ponds	The entire area	Elko	Humboldt	445A.154	445A.155030
Jack Creek	From its origin to its confluence with Harrington Creek.	Elko	Snake	445A.152	445A.153028
Jarbidge River		Elko	Snake	445A.152	445A.153004
Jarbidge River		Elko	Snake	445A.152	445A.153005
Jarbidge River, east fork		Elko	Snake	445A.152	445A.153003
Jett Creek	From its origin to the national forest boundary.	Nye	Central	445A.166	445A.167008
Kings Canyon	From its origin to the point of the diversion of the Carson City water department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	Carson City	Carson	445A.162	445A.163019
Kingston Creek	From its origin to Groves Reservoir.	Lander	Central	445A.166	445A.167011
Kingston Creek	Below Groves Lake.	Lander	Central	445A.166	445A.167013
Knott Creek Reservoir	The entire reservoir.	Humboldt	Northwest	445A.148	445A.149005
Lagomarsino Creek	The entire length.	Washoe	Truckee	445A.158	445A.159046
Lake Mead	Excluding the area not covered by NAC 445A.196 (Inner Las Vegas Bay)	Clark	Colorado	445A.172	445A.173003
Lake Tahoe	Existing sampling points	Washoe	Truckee	445A.158	445A.159001
Lake Tahoe Tributaries	All tributaries to Lake Tahoe located in Nevada not included in NAC445A.167003 to 445A167017	Washoe	Truckee	445A.158	445A.159002
Lake Vegas Bay	Lake Mead from the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay from the Confluence.	Clark	Colorado	445A.172	445A.173004
Lamoille Creek	From its origin to gaging station number 10-316500 located in the NE 1/4, section 6, T. 32 N., R. 58 E., M.D.B. & M	Elko	Humboldt	445A.154	445A.155028
Lamoille Creek	From gaging station number 10-316500 located in the NE 1/4, section 6, T. 32 N., R. 58 E., M.D.B. & M. to its confluence with the Humboldt River	Elko	Humboldt	445A.154	445A.155029
Las Vegas Wash	Las Vegas Wash from Telephone Line Road to confluences of discharges from City of Las Vegas and Clark County wastewater treatment plants	Clark	Colorado	445A.172	445A.173005
Las Vegas Wash	From confluence of Las Vegas Wash with Lake Mead to Telephone Line Road	Clark	Colorado	445A.172	445A.173006
Lehman Creek	From its origin to the national forest boundary.	White Pine	Great Salt Lake	445A.168	445A.169004
Leidy Creek	Above the hydroelectric plant.	Esmeralda	Central	445A.166	445A.167003
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.	Humboldt	Black Rock	445A.150	445A.151006
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.	Humboldt	Humboldt	445A.154	445A.155056

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
Little Humboldt River	Its entire length	Elko	Humboldt	445A.154	445A.15014
Little Humboldt River (north fork)	From its origin to the national forest boundary	Elko	Humboldt	445A.154	445A.155015
Little Humboldt River (north fork)	From the national forest boundary to its confluence with the south fork of the Little Humboldt River	Elko	Humboldt	445A.154	445A.155016
Little Humboldt River (south fork)	From its origin to Elko-Humboldt county line	Elko	Humboldt	445A.154	445A.155017
Little Humboldt River (south fork)	From the Elko-Humboldt county line to its confluence with the north fork of the Little Humboldt River	Elko	Humboldt	445A.154	445A.155018
Logan House Creek	Logan House Creek from the confluence with Lake Tahoe to the origin of Logan House Creek.	Washoe	Truckee	445A.158	445A.159014
Lower Carson River	From Lahontan Reservoir to Carson Sink (the natural channel)	Churchill	Carson	445A.162	445A.163013
Maggie Creek	From where it is formed by tributaries to its confluence with Jack Creek.	Elko	Humboldt	445A.154	445A.155023
Maggie Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	Elko	Humboldt	445A.154	445A.155024
Maggie Creek	From its confluence with Soap Creek to the Humboldt River	Elko	Humboldt	445A.154	445A.155025
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek	Elko	Humboldt	445A.154	445A.155022
Mahogany Creek	From its origin to Summit Lake.	Humboldt	Black Rock	445A.150	445A.151005
Martin Creek	From its origin to the national forest boundary	Nye	Humboldt	445A.154	445A.155040
Martin Creek	From the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	Nye	Humboldt	445A.154	445A.155041
Mary's 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.	Elko	Humboldt	445A.154	445A.155019
Mary's River	From the east line of T. 42 N., R. 59 E., M.D.B. & M. to its confluence with the Humboldt River	Elko	Humboldt	445A.154	445A.155020
Mason Wildlife Area	Hinkson Slough, Bass Pond, Crappie Pond and North Pond	Lyon	Walker	445A.164	445A.165013
Mason Wildlife Area	All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond	Mineral	Walker	445A.164	445A.165014
Meadow Valley Wash	The Meadow Valley Wash from the Bridge above Rox downstream to the Muddy River.	Clark	Colorado	445A.172	445A.173012
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	Humboldt	Humboldt	445A.154	445A.155055
Mosquito Creek	From its origin to the national forest boundary.	Nye	Central	445A.166	445A.167020
Muddy River at Glendale Bridge	The Muddy River from the river source downstream to Glendale Bridge.	Clark	Colorado	445A.172	445A.173010
Muddy River at Overton	The Muddy River from the Glendale Bridge downstream to the mouth of the River at Lake Mead.	Clark	Colorado	445A.172	445A.173011
Murray Creek	From its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.	White Pine	Central	445A.166	445A.167032
Negro Creek	From its origin to the first irrigation diversion, near west line of section 28,	Washoe	Black Rock	445A.150	445A.151003

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	T. 36 N., R. 23 E, M.D.B. & M.				
Nesbitt Lake	The entire lake.	Lincoln	Colorado	445A.172	445A.173021
North Creek	From its origin to pipeline intake, near the north line of section 20, T. 19 N., R. 65 E, M.D.B. & M.	White Pine	Central	445A.166	445A.167034
Onion Valley Reservoir	The entire reservoir.	Humboldt	Northwest	445A.148	445A.149006
Ophir Creek	From its origin to State Route 429 (old U.S. highway 395).	Washoe	Truckee	445A.158	445A.159036
Ophir Creek	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	Washoe	Truckee	445A.158	445A.159037
Owyhee River, east fork		Elko	Snake	445A.152	445A.153007
Owyhee River, east fork		Elko	Snake	445A.152	445A.153008
Owyhee River, east fork		Elko	Snake	445A.152	445A.153009
Owyhee River, east fork, above Wildhorse	From its origin to Wildhorse Reservoir.	Elko	Snake	445A.152	445A.153022
Owyhee River, south fork		Elko	Snake	445A.152	445A.153010
Pahranagat Reservoir	The entire reservoir.	Lincoln	Colorado	445A.172	445A.173022
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	Nye	Central	445A.166	445A.167007
Penrod Creek	From its origin including tributaries to Wildhorse Reservoir.	Elko	Snake	445A.152	445A.153024
Pine Creek (Nye County)	From its origin to the national forest boundary.	Nye	Central	445A.166	445A.167018
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.	White Pine	Central	445A.166	445A.167043
Pole Canyon Creek	From its origin to where it becomes Franklin River.	Elko	Central	445A.166	445A.167028
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near north line of section 13, T. 35 N., R. 39 E, M.D.B. & M	Elko	Humboldt	445A.154	445A.155038
Price's Lakes	The entire lake.	Washoe	Truckee	445A.158	445A.159038
Quinn River	From its origin to the confluence of the east fork and south fork.	Humboldt	Black Rock	445A.150	445A.151011
Quinn River	From the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.	Humboldt	Black Rock	445A.150	445A.151012
Quinn River	From the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south section line of section 17, T. 47 N., R. 38 E.	Humboldt	Black Rock	445A.150	445A.151013
Rattlesnake Reservoir	Also known as S-Line Reservoir, the entire reservoir.	Churchill	Carson	445A.162	445A.163022
Reese Creek	From its origin to its confluence with Indian Creek	Humboldt	Humboldt	445A.154	445A.155049
Reese River	From its confluence with Indian Creek to Nevada State Route 722 (old U.S. Highway 50)	Humboldt	Humboldt	445A.154	445A.155050
Reese River	North of Nevada State Route 722 (old U.S. Highway 50)	Elko	Humboldt	445A.154	445A.155051
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.	White Pine	Central	445A.166	445A.167044
Roberts Creek	From its origin to Roberts Creek	Eureka	Central	445A.166	445A.167022

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	Reservoir.				
Roberts Creek	Below Roberts Creek Reservoir.	Eureka	Central	445A.166	445A.167023
Rock Creek	From its origin to Squaw Valley Ranch	Eureka	Humboldt	445A.154	445A.155034
Rock Creek	Below Squaw Valley Ranch	Elko	Humboldt	445A.154	445A.155035
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	Walker	445A.164	445A.165018
Ruby Marsh	The entire area.	Elko	Central	445A.166	445A.167026
Salmon Falls Creek		Elko	Snake	445A.152	445A.153011
Salmon Falls Creek, north fork	From the national forest boundary to its confluence with the south fork of Salmon Falls Creek.	Elko	Snake	445A.152	445A.153012
Salmon Falls Creek, South fork	From the national forest boundary to its confluence with the north fork of Salmon Falls Creek.	Elko	Snake	445A.152	445A.153013
San Juan Creek	From its origin to the national forest boundary	Humboldt	Humboldt	445A.154	445A.155052
Schroeder Reservoir	The entire reservoir.	Lincoln	Colorado	445A.172	445A.173014
Second Creek at Lakeshore Drive	Second Creek from the confluence with Lake Tahoe to Second Creek Drive.	Washoe	Truckee	445A.158	445A.159010
Second Creek at Second Creek Drive	Second Creek from Second Creek Drive to the origin of Second Creek.	Washoe	Truckee	445A.158	445A.159009
Secret Creek	From its origin to the national forest boundary	Elko	Humboldt	445A.154	445A.155026
Secret Creek	From the national forest boundary to the Humboldt River	Elko	Humboldt	445A.154	445A.155027
Shoshone Creek		Elko	Snake	445A.152	445A.153002
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.	Douglas	Carson	445A.162	445A.163016
Silver Creek	From its origin to the national forest boundary.	White Pine	Great Salt Lake	445A.168	445A.169005
Silver Creek Reservoir	The entire reservoir.	White Pine	Great Salt Lake	445A.168	445A.169007
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.	Lander	Central	445A.166	445A.167016
Smoke Creek	Approximately 30 miles east of Susanville California.	Washoe	Black Rock	445A.150	445A.151001
Snake Creek	Above the fish hatchery	White Pine	Great Salt Lake	445A.168	445A.169001
Snake Creek	From control point above fish hatchery to the Nevada-Utah state line.	White Pine	Great Salt Lake	445A.168	445A.169002
South Carson Lake	Also known as Government Pasture or the Greenhead Gun Club, the entire lake.	Churchill	Carson	445A.162	445A.163025
Squaw Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	Mineral	Walker	445A.164	445A.165017
Squaw Creek Reservoir	The entire reservoir.	Washoe	Black Rock	445A.150	445A.151002
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.	Pershing	Central	445A.166	445A.167005
Starr Creek	From the confluence of Ackler and Herder Creeks to the Humboldt River.	Humboldt	Humboldt	445A.154	445A.155058
Steamboat Creek	From Little Washoe Lake to gaging station number 10-349300 located in the S 1/2, section 33, T. 18 N., R. 20	Douglas	Truckee	445A.158	445A.159031

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	E., M.D.B. & M.				
Steamboat Creek	From gaging station number 10-349300 located in S 1/2, section 33, T. 18 N., R. 20 E., M.D.B. & M. to its confluence with the Truckee River.	Douglas	Truckee	445A.158	445A.159032
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R 46E, M.D.B. & M	Lander	Central	445A.166	445A.167017
Stillwater Marsh	All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	Churchill	Carson	445A.162	445A.163027
Stillwater Marsh	All that area of Stillwater east and south of the Community of Stillwater.	Churchill	Carson	445A.162	445A.163028
Stoneberger Creek	From its origin to the national forest boundary.	Nye	Central	445A.166	445A.167021
Summit Lake	The entire lake.	Humboldt	Black Rock	445A.150	445A.151004
Sunnyside Creek	From its origin to the Adams McGill Reservoir.	Nye	Colorado	445A.172	445A.173018
Sweetwater Creek	Sweetwater Creek from the state line to its confluence with the East Walker River	Lyon	Walker	445A.164	445A.165005
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	White Pine	Humboldt	445A.154	445A.155021
Third Creek	Third Creek from the confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.	Washoe	Truckee	445A.158	445A.159007
Third Creek, East Fork	The East Fork of Third Creek at State Highway 431 to the origin of the East Fork of Third Creek.	Washoe	Truckee	445A.158	445A.159006
Timber Creek	From its origin to pipeline intake, near the west line section 27, T. 18 N., R. 65 E, M.D.B. & M.	White Pine	Central	445A.166	445A.167037
Tonkin Reservoir	The entire reservoir	Eureka	Humboldt	445A.154	445A.155032
Topaz Lake	At various points in Topaz Lake	Douglas	Walker	445A.164	445A.165002
Toyn Creek	From its origin to the national forest boundary	Humboldt	Humboldt	445A.154	445A.155048
Tracy Pond	The entire area.	Washoe	Truckee	445A.158	445A.159047
Truckee River at the state line	At the California-Nevada state line	Washoe	Truckee	445A.158	445A.159018
Truckee River at Derby Dam	The Truckee River from the Lockwood Bridge downstream to Derby Dam	Carson City	Truckee	445A.158	445A.159022
Truckee River at East McCarran	The Truckee River from Idlewild downstream to East McCarran bridge.	Washoe	Truckee	445A.158	445A.159020
Truckee River at Idlewild	The Truckee River from the California –Nevada stateline downstream to Idlewild	Washoe	Truckee	445A.158	445A.159019
Truckee River at Lockwood Bridge	The Truckee River from East McCarran bridge downstream to the Lockwood Bridge	Carson City	Truckee	445A.158	445A.159021
Truckee River at Pyramid Lake	The Truckee river from the Wadsworth Gage downstream to Pyramid Lake	Carson City	Truckee	445A.158	445A.159024
Truckee River at Wadsworth Gage.	The Truckee River from Derby Dam downstream to Wadsworth Gage	Carson City	Truckee	445A.158	445A.159023
Twin River (N. Fork)	From its origin to the first point of diversion, near the national forest boundary.	Nye	Central	445A.166	445A.167010
Twin River (S. Fork)	From its origin to the first point of diversion, near the national forest	Nye	Central	445A.166	445A.167009

Waterbody Name	Waterbody Description	County	Hydrographic Region	NAC445A.XXXXX	
				Beneficial Use	Water Quality Standards
	boundary.				
Virgin River at Mesquite	The Virgin River from the state line downstream to Mesquite.	Clark	Colorado	445A.172	445A.173007
Virgin River at Riverside	The Virgin River from Mesquite downstream to the river mouth at Lake Mead.	Clark	Colorado	445A.172	445A.173009
Virgin River at the state line near Littlefield	The Virgin River at the Arizona-Nevada state line (near Littlefield, Arizona).	Clark	Colorado	445A.172	445A.173008
V-Line Canal	From the Carson diversion dam to its division into the S & L Canals.	Churchill	Carson	445A.162	445A.163021
Walker Lake	The entire lake	Mineral	Walker	445A.164	445A.165011
Walker River	The Walker River from the confluence of the East and West Walker Rivers downstream to the inlet to Weber Reservoir	Lyon	Walker	445A.164	445A.165009
Walker River	The Walker River from Webber Reservoir downstream to the inlet to Walker Lake.	Mineral	Walker	445A.164	445A.165010
Wall Canyon Reservoir	The entire reservoir.	Washoe	Northwest	445A.148	445A.149004
Washoe Lakes	The entire lakes.	Douglas	Truckee	445A.158	445A.159030
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near west line of section 12, T. 35 N., R. 38 E, M.D.B. & M.	Lander	Humboldt	445A.154	445A.155039
Weber Reservoir	The entire reservoir.	Mineral	Walker	445A.164	445A.165015
West Walker River	The West Walker River at the state line	Douglas	Walker	445A.164	445A.165001
West Walker River	The West Walker River from the state line downstream to the West Walker River near Wellington	Douglas	Walker	445A.164	445A.165003
West Walker River	The West Walker River near Wellington downstream to the confluence with East Walker River near Nordyke Road.	Lyon	Walker	445A.164	445A.165004
White River	From its origin to the national forest boundary.	White Pine	Colorado	445A.172	445A.173015
White River	From the national forest boundary to its confluence with Ellison Creek.	White Pine	Colorado	445A.172	445A.173016
White's Creek	From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	Washoe	Truckee	445A.158	445A.159043
White's Creek	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	Washoe	Truckee	445A.158	445A.159044
White's Creek	Below Steamboat Ditch.	Washoe	Truckee	445A.158	445A.159045
Wildhorse Reservoir	The entire reservoir.	Elko	Snake	445A.152	445A.153026
Willow Creek	From its origin to Willow Creek Reservoir	Elko	Humboldt	445A.154	445A.155036
Willow Creek Reservoir	The entire reservoir	Elko	Humboldt	445A.154	445A.155037
Willow Creek Reservoir	The entire reservoir.	Lander	Central	445A.166	445A.167006
Wilson Reservoir	The entire reservoir.	Elko	Snake	445A.152	445A.153031
Wood Creek	Wood Creek from the confluence with Lake Tahoe to the origin of Wood Creek.	Washoe	Truckee	445A.158	445A.159008

NAC 445A.148 Beneficial uses for the Northwest Region. The Beneficial uses for the Northwest and Basin are prescribed in NAC445A.148. The standards for water quality for the Northwest Basin are prescribed in NAC 445A.149001 to 445A.149006, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Northwest Region													
Boulder Reservoir	The entire reservoir.	X	X	X	X	X	X		X					445A.149001
Blue Lakes	Entire area.	X	X	X	X	X	X		X					445A.149002
Catnip Reservoir	The entire reservoir.	X	X	X	X	X	X		X					445A.149003
Wall Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.149004
Knott Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.149005
Onion Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.149006
Livestock	Watering of livestock													
Irrigation	Irrigation													
Aquatic	Propagation of aquatic life													
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Municipal	Municipal or domestic supply, or both													
Industrial	Industrial supply													
Wildlife	Propagation of wildlife													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

NAC 445A.149 Water Quality Standards for the Northwest Region. The standards for water quality for the Northwest Region are prescribed in NAC 445A.149001 to 445A.149006, inclusive. The Beneficial uses for the Northwest Region are prescribed in NAC445A.148.

NAC 445A.~~124~~149001 Boulder Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Boulder Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~124~~149001			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A. ~~124~~149002 Blue Lakes: the entire area.

STANDARDS OF WATER QUALITY
Blue Lakes

The limits of this table apply to the entire area.

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 for NAC 445A.~~124~~149002			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~149003 Catnip Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Catnip Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~124~~149003			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤298**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~149004 Wall Canyon Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Wall Canyon Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~149004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~149005 Knott Creek Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Knott Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~149005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~149006 Onion Valley Reservoir: the entire reservoir

STANDARDS OF WATER QUALITY
Onion Valley Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~149006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.148 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.150 Beneficial uses for the Black Rock Region. The Beneficial uses for the Black Rock Region are prescribed in NAC445A.150. The standards for water quality for the Black Rock Region are prescribed in NAC 445A.151001 to 445A.151013, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Black Rock Basin													
Smoke Creek	Approximately 30 miles east of Susanville California.													445A.151001
Squaw Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.151002
Negro Creek	From its origin to the first irrigation diversion, near west line of section 28, T. 36 N., R. 23 E, M.D.B. & M.	X	X	X	X	X	X		X					445A.151003
Summit Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	445A.151004
Mahogany Creek	From its origin to Summit Lake.	X	X	X	X	X	X		X					445A.151005
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.	X	X	X	X	X	X		X					445A.151006
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.	X	X	X	X	X	X		X					445A.151007
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.	X	X	X	X	X	X	X	X				Trout	445A.151008
Bilk Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.151009
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.	X	X	X	X	X	X		X					445A.151010
Quinn River	From its origin to the confluence of the east fork and south fork.	X	X	X	X	X	X		X					445A.151011
Quinn River	From the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.	X	X	X	X	X	X	X	X				Trout	445A.151012
Quinn River	From the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south section line of section 17, T. 47 N., R. 38 E.	X	X	X		X		X	X					445A.151013
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													

NAC 445A.151 Water Quality Standards for the Black Rock Region. The standards for water quality for the Black Rock Region are prescribed in NAC 445A.151001 to 445A.151013, inclusive. The Beneficial uses for the Black Rock Region are prescribed in NAC445A.150.

NAC 445A.~~180~~151001 Smoke Creek: approximately 30 miles east of Susanville California

STANDARDS OF WATER QUALITY
Smoke Creek

The limits of this table apply to Smoke Creek.

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 for NAC 445A.151001													
Aquatic Life Species of concern													
Temperature °C Summer Winter		SV ≤ 20 SV ≤ 20											
pH Units		S.V. 6.5 – 8.5 Annual median 7.0 – 8.0											
Phosphates (PO4) mg/l		A.A. ≤ 0.5 S.V. ≤ 0.07											
Nitrogen Species (N) - mg/l Nitrate		SV. ≤ 5.0											
Dissolved Oxygen - mg/l		S.V. ≥ 7.5 Avg (June – Sept.) ≥ 8.0											
BOD - mg/l		SV. ≤ 5.0											
Chlorides - mg/l		SV. ≤ 10.0											
Turbidity – NTU		[b]											
Color – PCU		[c]											
Total Dissolved Solids - mg/l		A.A. ≤ 225 SV. ≤ 275											
Fecal Coliform- No./100 ml		≤1000/400 [d] ≤200/400 [e]											

[a] Refer to NAC 445A.122 and 445A.150 for beneficial use terminology.

[b] Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson units

[c] Color must not exceed that characteristic of natural conditions by more than 10 units on the Platinum Cobalt scale.

[d] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[e] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~151002 **Squaw Creek Reservoir: the entire reservoir**

STANDARDS OF WATER QUALITY
Squaw Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~151002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151003 Negro Creek: from its origin to the first irrigation diversion, near west line of section 28, T. 36 N., R. 23 E, M.D.B. & M.

STANDARDS OF WATER QUALITY
Negro Creek

The limits of this table apply from its origin to the first irrigation diversion, near west line of section 28, T. 36 N., R. 23 E, M.D.B. & M.

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 for NAC 445A.~~124~~151003			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~151004 Summit Lake: the entire lake.

STANDARDS OF WATER QUALITY
Summit Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~125~~1513004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151005 Mahogany Creek: from its origin to Summit Lake.

STANDARDS OF WATER QUALITY
Mahogany Creek

The limits of this table apply from its origin to Summit Lake.

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 for NAC 445A.~~124~~151005			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151006 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.

STANDARDS OF WATER QUALITY
Leonard Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~151006			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151007 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.

STANDARDS OF WATER QUALITY
Bilk Creek

The limits of this table apply from its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.

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 for NAC 445A.~~124~~151007			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~151008 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.

STANDARDS OF WATER QUALITY
Bilk Creek

The limits of this table apply from its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. to Bilk Creek 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 for NAC 445A.~~125~~151008			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~151009 Bilk Creek Reservoir: the entire reservoir

STANDARDS OF WATER QUALITY
Bilk Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~151009			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151010 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

STANDARDS OF WATER QUALITY
Bottle Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~151010			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~151011 Quinn River: from its origin to the confluence of the east fork and south fork.

STANDARDS OF WATER QUALITY
Quinn River

The limits of this table apply from its origin to the confluence of the east fork and south fork.

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 for NAC 445A.~~124~~151011			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~151012 Quinn River. from the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.

STANDARDS OF WATER QUALITY
Quinn River

The limits of this table apply from the point of confluence of the east fork and south fork to the Ft. McDermitt Indian Reservation diversion dam.

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 for NAC 445A.~~125~~151012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.150 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~127~~151013 Quinn River: from the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south section line of section 17, T. 47 N., R. 38 E.

STANDARDS OF WATER QUALITY
Quinn River

The limits of this table apply from the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south section line of section 17, T. 47 N., R. 38 E.

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 for NAC 445A.~~127~~151013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
pH Units		S.V. 6.5 - 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		**AGM ≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.150 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.152 Beneficial uses for the Snake Region. The Beneficial uses for the Snake Region are prescribed in NAC445A.152. The standards for water quality for the Snake Region are prescribed in NAC 445A.153001 to 445A.153031, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Snake Region													
Big Goose Creek		X	X	X	X	X	X	X	X					445A.153001
Shoshone Creek		X	X	X	X	X	X	X	X					445A.153002
Jarbidge River, east fork		X	X	X	X	X	X	X	X					445A.153003
Jarbidge River		X	X	X	X	X	X	X	X					445A.153004
Jarbidge River		X	X	X	X	X	X	X	X					445A.153005
Bruneau River, west Fork		X	X	X	X	X	X	X	X					445A.153006
Owyhee River, east fork		X	X	X	X	X	X	X	X					445A.153007
Owyhee River, east fork		X	X	X	X	X	X	X	X					445A.153008
Owyhee River, east fork		X	X	X	X	X	X	X	X					445A.153009
Owyhee River, south fork		X	X	X	X	X	X	X	X					445A.153010
Salmon Falls Creek		X	X	X	X	X	X	X	X					445A.153011
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	445A.153012
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	445A.153013
Camp Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.153014
Camp 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	445A.153015
Cottonwood Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.153016
Cottonwood 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	445A.153017
Canyon Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.153018
Canyon 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	445A.153019
Bear Creek	From its origin to the point of diversion	X	X	X	X	X	X		X					445A.153020

	for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E, M.D.B. & M.													
76 Creek	Its entire length.	X	X	X	X	X	X	X	X				Trout	445A.153021
Owyhee River, east fork, above Wildhorse	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					445A.153022
Deep Creek	From its origin to the Wildhorse Reservoir.	X	X	X	X	X	X		X					445A.153023
Penrod Creek	From its origin including tributaries to Wildhorse Reservoir.	X	X	X	X	X	X		X					445A.153024
Hendricks Creek	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					445A.153025
Wildhorse Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.153026
Brown's 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					445A.153027
Jack Creek	From its origin to its confluence with Harrington Creek.	X	X	X	X	X	X		X					445A.153028
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	445A.153029
Bull Run Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.153030
Wilson Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.153031

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

NAC 445A.153 Water Quality Standards for the Snake Region. The standards for water quality for the Snake Region are prescribed in NAC 445A.153001 to 445A.153031, inclusive. The Beneficial uses for the Snake Region are prescribed in NAC445A.152.

NAC 445A.~~215~~153001 Big Goose Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Big Goose Creek

Control Point at Ranch.

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 for NAC 445A.~~214~~153001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct < 21° Nov.-Apr. < 13° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) - mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. < 25			*								
Turbidity - NTU	—	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 185	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 9.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	—	< 200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤ 126 ≤ 410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e]. Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~216~~153002 Salmon Falls Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Salmon Falls Creek

Control Point at Highway 93 south of Jackpot.

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 for NAC 445A.~~214~~153002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct < 21° Nov.-Apr. < 13° ΔT < 1°			*	X							
pH Units	ΔpH ± 0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) - mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. < 25			*								
Turbidity - NTU	—	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 250	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 14.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. <90	< 200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤ 126 ≤ 410				*	X						
Color	—	e						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~217~~153003 Shoshone Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Shoshone Creek

Control Point: Jackpot to Delaplain Road.

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 for NAC 445A.~~214~~153003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. <21° Nov.-Apr. <13° ΔT <1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	<0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. <250	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. <15.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	—	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~218~~153004 Jarbidge River: East Fork. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
East Fork Jarbidge River

Control Point at the Nevada-Idaho state line.

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 for NAC 445A.~~214~~153004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	<0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. <200	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. <6.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. <100	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~219~~153005 Jarbidge River upstream from Jarbidge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Jarbidge River

Control Point upstream from Jarbidge at bridge.

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 for NAC 445A.~~214~~153005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	S.V. < 0.05	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 65	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. <10	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~220~~153006 Jarbidge River downstream from Jarbidge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Jarbidge River

Control Point downstream from Jarbidge at bridge.

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 for NAC 445A.~~214~~153006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	S.V. < 0.05	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 80	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. <10	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~221~~153007 Bruneau River: West Fork. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Bruneau River

Control Point at Diamond "A" Road.

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 for NAC 445A.~~214~~153007			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 180	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. < 80	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~222~~153008 Owyhee River: East Fork above Mill Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Owyhee River

Control Point above Mill Creek.

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 for NAC 445A.~~214~~153008			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 200	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 8.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. < 80	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~223~~153009 Owyhee River: East Fork south of Owyhee. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Owyhee River

Control Point at New China Dam

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 for NAC 445A.~~214~~153009			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 250	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 8.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	S.V. < 125	<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~224~~153010 Owyhee River: East Fork, Nevada-Idaho state line.

STANDARDS OF WATER QUALITY
Owyhee River

Control Point at the Nevada-Idaho state line.

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 for NAC 445A.~~214~~153010			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 7° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06 Ammonia S.V. < 0.02 (unionized)	X		*	X	X	*		X			
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 240	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 11.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml		<200/400[c]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[d]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[d] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~225~~153011 Owyhee River: South Fork. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
South Fork Owyhee River

Control Point at Petan Access Road.

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 for NAC 445A.~~214~~153011			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Maximum ΔT°C[b]	ΔT = 0°	May-Oct. < 21° Nov.-Apr. < 13° ΔT < 1°			*	X							
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	—	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen in mg/l	—	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. <25			*								
Turbidity - NTU	—	S.V. <10			*			X					
Total Dissolved Solids - mg/l	S.V. < 280	S.V. <500	X	X				*					
Chlorides - mg/l	S.V. < 15.0	S.V. <250	X	X				*		X			
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml		<200/400[d]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	 — —	 ≤126 ≤410				*	X						
Color	—	[e]						*					

[a] Refer to NAC 445A.122 and 445A.152 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 annual geometric mean must not exceed 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed 400 per 100 milliliters.
[e] Increase in color must not be more than 10 color units above natural conditions.

NAC 445A.~~125~~153012 Salmon Falls Creek, north fork

STANDARDS OF WATER QUALITY
Salmon Falls Creek, north fork

The limits of this table apply from the national forest boundary to its confluence with the south fork of Salmon Falls Creek.

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 for NAC 445A.~~125~~153012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153013 Salmon Falls Creek, South fork.

STANDARDS OF WATER QUALITY
Salmon Falls Creek, South fork

The limits of this table apply from the national forest boundary to its confluence with the north fork of Salmon Falls Creek.

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 for NAC 445A.~~125~~153013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153014 Camp Creek.

STANDARDS OF WATER QUALITY
Camp Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~153014			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153015 Camp Creek.

STANDARDS OF WATER QUALITY
Camp Creek

Control Point at Camp Creek. The limits of this table apply from the national forest boundary to its confluence with the south fork of Salmon Falls Creek.

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 for NAC 445A.~~125~~153015			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153016 Cottonwood Creek.

STANDARDS OF WATER QUALITY
Cottonwood Creek

Control Point at Cottonwood Creek. The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~153016			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 d	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153017 Cottonwood Creek.

STANDARDS OF WATER QUALITY
Cottonwood Creek

The limits of this table apply to cottonwood creek from the national forest boundary to its confluence with the south fork of Salmon Falls Creek.

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 for NAC 445A.~~125~~153017			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~ 153018 Canyon Creek.

STANDARDS OF WATER QUALITY
Canyon Creek

Control Point at Canyon Creek. The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~153018			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153019 Canyon Creek.

STANDARDS OF WATER QUALITY
Canyon Creek

Control Point at Canyon Creek. The limits of this table apply from the national forest boundary to its confluence with the south fork of Salmon Falls Creek.

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 for NAC 445A.~~125~~153019			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153020 Bear Creek.

STANDARDS OF WATER QUALITY
Bear Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~153020			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
76 Creek

The limits of this table apply to its entire length.

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 for NAC 445A.~~125~~153021			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153022 Owyhee River, east fork, above Wildhorse.

STANDARDS OF WATER QUALITY
Owyhee River, east fork, above Wildhorse

The limits of this table apply from its origin to Wildhorse 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 for NAC 445A.~~124~~153022			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153023 Deep Creek.

STANDARDS OF WATER QUALITY
Deep Creek

The limits of this table apply from its origin to the Wildhorse 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 for NAC 445A.~~124~~153023			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153024 Penrod Creek.

STANDARDS OF WATER QUALITY
Penrod Creek

The limits of this table apply from its origin including tributaries to Wildhorse 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 for NAC 445A.~~124~~153024			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 S.V. ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153025 Hendricks Creek.

STANDARDS OF WATER QUALITY
Hendricks Creek

The limits of this table apply from its origin to Wildhorse 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 for NAC 445A.~~124~~153025			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153026 Wildhorse Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Wildhorse Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~153026			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153027 Brown's Gulch.

STANDARDS OF WATER QUALITY
Brown's Gulch

The limits of this table apply 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.

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 for NAC 445A.~~124~~153027			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~153028 Jack Creek.

STANDARDS OF WATER QUALITY
Jack Creek

The limits of this table apply from its origin to its confluence with Harrington Creek.

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 for NAC 445A.~~124~~153028			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10 [b] .			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153029 Harrington Creek.

STANDARDS OF WATER QUALITY
Harrington Creek

The limits of this table apply from its confluence with Jack Creek to the South Fork of the Owyhee River.

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 for NAC 445A.~~125~~153029			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153030 Bull Run Reservoir.

STANDARDS OF WATER QUALITY
Bull Run Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~153030			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~153031 Wilson Reservoir

STANDARDS OF WATER QUALITY
Wilson Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~153031			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.152 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.154 Beneficial uses for the Humboldt Region. The Beneficial uses for the Humboldt Region are prescribed in NAC445A.154. The standards for water quality for the Humboldt Region are prescribed in NAC 445A.155001 to 445A.155058, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Humboldt River Region													
Humboldt River Near Osino	~~Control point near Osino. The limits of this table apply from the control point near Osino to the upstream source of the main stem.~~ **From the upstream source of the main stem downstream to Osino.**	X	X	X	X	X	X	X	X				Warm water fishery	445A.155001
Humboldt River at Palisade Gage	~~Control point at the palisade gage. The limits of this table apply from the control point at Palisade Gage upstream to the Osino control Point.~~ **From Osino downstream to the Palisade gage.**	X	X	X	X	X	X	X	X				Warm water fishery	445A.155002
Humboldt River at Battle Mountain Gage	~~Control point at the Battle mountain gage. The limits of this table apply from the control point at Battle Mountain Gage upstream to the Palisade Gage control point.~~ **From the Palisade Gage downstream to the Battle Mountain gage.**	X	X	X	X	X	X	X	X				Warm water fishery	445A.155003
Humboldt River at crossing of state highway 789	~~Control point where state highway 789 crosses the Humboldt River. The limits of this table apply from the control point where state highway 789 crosses the Humboldt River upstream to the Battle Mountain Gage control point.~~ **From the Battle Mountain Gage Downstream to where state highway 789 crosses the Humboldt River.**	X	X	X	X	X	X	X	X				Warm water fishery	445A.155004
Humboldt River at Imlay	~~Control point at Imlay. The limits of this table apply from the control point at Imlay upstream to the Comus Gage control point.~~ **From the Comus Gage Control Point downstream to the control point at Imlay.**	X	X	X	X	X	X	X	X				Warm water fishery	445A.155005
Humboldt River at Woolsey	Control point at Woolsey. The limits of this table apply from the control point at Woolsey upstream to the Imlay control point. From Imlay downstream to the Woolsey control Point.	X	X	X	X	X	X	X	X				Warm water fishery	445A.155006
Humboldt River	From Woolsey to Rodgers Dam	X	X	X	X	X	X	X	X					445A.155007
Humboldt River	From Rodgers Dam to and including Humboldt Sink.	X	X	X		X		X	X					445A.155008
Humboldt River (N. fork) and tributaries in Independence Mountain Range	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155009

Humboldt River (north fork)	From the national forest boundary to its confluence with Beaver Creek	X	X	X	X	X	X	X	X				Trout	445A.155010
Humboldt River (north fork)	From its confluence with Beaver Creek to the Humboldt River	X	X	X	X	X	X	X	X					445A.155011
Humboldt River (S. Fork) and tributaries	From its origin to Lee	X	X	X	X	X	X		X					445A.155012
Humboldt River (south fork)	From Lee to its confluence with the Humboldt River	X	X	X	X	X	X	X	X				Trout	445A.155013
Little Humboldt River	Its entire length	X	X	X	X	X	X	X	X					445A.15014
Little Humboldt River (north fork)	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155015
Little Humboldt River (north fork)	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				Trout	445A.155016
Little Humboldt River (south fork)	From its origin to Elko-Humboldt county line	X	X	X	X	X	X		X					445A.155017
Little Humboldt River (south fork)	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				Trout	445A.155018
Mary's 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.	X	X	X	X	X	X		X					445A.155019
Mary's 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	445A.155020
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					445A.155021
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek	X	X	X	X	X	X		X					445A.155022
Maggie Creek	From where it is formed by tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X				Trout	445A.155023
Maggie Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X				Trout	445A.155024
Maggie Creek	From its confluence with Soap Creek to the Humboldt River	X	X	X	X	X	X	X	X					445A.155025
Secret Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155026
Secret Creek	From the national forest boundary to the Humboldt River	X	X	X	X	X	X	X	X				Trout	445A.155027
Lamoille Creek	From its origin to gaging station number 10-316500 located in the NE 1/4, section 6, T. 32 N., R. 58 E., M.D.B. & M	X	X	X	X	X	X		X					445A.155028
Lamoille Creek	From gaging station number 10-316500 located in the NE 1/4, 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					445A.155029
J. D. Ponds	The entire area	X	X	X	X	X	X	X	X					445A.155030
Denay Creek	From its origin to Tonkin Reservoir	X	X	X	X	X	X		X					445A.165031
Tonkin Reservoir	The entire reservoir	X	X	X	X	X	X		X					445A.155032

Denay Creek	Below Tonkin Reservoir	X	X	X	X	X	X	X	X					445A.155033
Rock Creek	From its origin to Squaw Valley Ranch	X	X	X	X	X	X		X					445A.155034
Rock Creek	Below Squaw Valley Ranch	X	X	X	X	X	X	X	X					445A.155035
Willow Creek	From its origin to Willow Creek Reservoir	X	X	X	X	X	X		X					445A.155036
Willow Creek Reservoir	The entire reservoir	X	X	X	X	X	X	X	X				Trout	445A.155037
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near north line of section 13, T. 35 N., R. 39 E, M.D.B. & M	X	X	X	X	X	X		X					445A.155038
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near west line of section 12, T. 35 N., R. 38 E, M.D.B. & M.	X	X	X	X	X	X		X					445A.155039
Martin Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155040
Martin Creek	From the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	445A.155041
Dutch John Creek	The entire length	X	X	X	X	X	X		X					445A.155042
Huntington Creek	From its origin to the White Pine-Elko county line	X	X	X	X	X	X		X					445A.155043
Huntington Creek	From White Pine county line to confluence with Smith Creek	X	X	X	X	X	X	X	X				Trout	445A.155044
Huntington Creek	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					445A.155045
Green Mountain Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155046
Green Mountain Creek	From the national forest boundary to its confluence with Corral Creek	X	X	X	X	X	X	X	X				Trout	445A.155047
Toyn Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155048
Reese Creek	From its origin to its confluence with Indian Creek	X	X	X	X	X	X		X					445A.155049
Reese River	From its confluence with Indian Creek to Nevada State Route 722 (old U.S. Highway 50)	X	X	X	X	X	X	X	X				Trout	445A.155050
Reese River	North of Nevada State Route 722 (old U.S. Highway 50)	X	X	X	X	X	X	X	X					445A.155051
San Juan Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.155052
Big Creek	From its origin to the east boundary of United States Forest Service Big Creek Campground	X	X	X	X	X	X		X					445A.155053
Big Creek	From the east boundary of the United States Forest Service 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	445A.155054
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					445A.155055
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					445A.155056
Iowa Canyon Reservoir	The entire reservoir	X	X	X	X	X	X	X	X				Trout	445A.155057
Starr Creek	From the confluence of Ackler and Herder Creeks to the Humboldt River.	X	X	X	X	X	X	X	X				Trout	445A.155058

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

NAC 445A.155 Water Quality Standards for the Humboldt Region. The standards for water quality for the Humboldt Region are prescribed in NAC 445A.155001 to 445A.155058, inclusive. The Beneficial uses for the Humboldt Region are prescribed in NAC445A.154.

NAC 445A.~~203~~155001 Humboldt River near Osino. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point near Osino.**~~ The limits of this table apply from ~~**the control point near Osino to the upstream source of the main stem.**~~ **From the upstream source of the main stem downstream to Osino.**

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 for NAC 445A.~~202~~155001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 - 8.3 S.V. : 7.0 - 8.5	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. : ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤22 S.V. : ≤25	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. Apr.-Nov. : ≤1.5 S.V. : ≤2.4	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	c			*								
Total Dissolved Solids - mg/l	A-Avg. : ≤370 S.V. : ≤385	A-Avg. : ≤500	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80d			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	e	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤75 S.V.: ≤200	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids.

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

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~204~~155002 Humboldt River at Palisade Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point at the palisade gage.**~~ The limits of this table apply from ~~**the control point at Palisade Gage upstream to the Osino control Point.**~~ **Osino downstream to the Palisade gage.**

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 for NAC 445A.~~202~~155002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 - 85 S.V. : 7.0 - 8.6	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. : ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤21 S.V. : ≤30	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. : ≤1.4 Apr.-Nov. S.V. : ≤2.4	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Total Dissolved Solids - mg/l	A-Avg. : ≤350 S.V. : ≤400	A-Avg. : ≤500	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80[d]			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤20 S.V.: ≤150	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

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

[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids

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

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml

NAC 445A.~~205~~155003 Humboldt River at Battle Mountain Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point at the Battle mountain gage.**~~ The limits of this table apply from ~~**the control point at Battle Mountain Gage upstream to the Palisade Gage control point.**~~ **the Palisade Gage downstream to the Battle Mountain gage**

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 for NAC 445A.~~202~~155003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 – 8.4 S.V. : 7.0 - 8.6	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. : ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤50 S.V. : ≤70	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. : ≤1.9 Apr.-Nov. S.V. : ≤4.0	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Total Dissolved Solids - mg/l	A-Avg. : ≤425 S.V. : ≤520	A-Avg. : ≤500	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80[d]			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤50 S.V.: ≤200	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids.

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

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~206~~155004 Humboldt River at crossing of state highway 789. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point where state highway 789 crosses the Humboldt River.**~~ The limits of this table apply from ~~**the control point where state highway 789 crosses the Humboldt River upstream to the Battle Mountain Gage control point.**~~ **the Battle Mountain Gage Downstream to where state highway 789 crosses the Humboldt River.**

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 for NAC 445A.~~202~~155004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 – 8.5 S.V. : 7.0 - 8.7	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. : ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤60 S.V. : ≤110	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. : ≤2.9 Apr.-Nov. S.V. : ≤3.7	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Total Dissolved Solids - mg/l	A-Avg. : ≤500 S.V. : ≤560	A-Avg. : ≤500	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80[d]			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤40 S.V.: ≤100	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids.

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

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml

NAC 445A.~~207~~155005 Humboldt River at Imlay. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point at Imlay.**~~ The limits of this table apply from ~~**the control point at Imlay upstream to the Comus Gage control point.**~~ **the Comus Gage Control Point downstream to the control point at Imlay.**

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 for NAC 445A.~~202~~155005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 – 8.5 S.V. : 7.0 - 8.7	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤70 S.V. : ≤85	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. : ≤2.4 Apr.-Nov. S.V. : ≤2.9	Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Total Dissolved Solids - mg/l	S.V. : ≤590	A-Avg. : ≤500	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80[d]			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤30 S.V.: ≤150	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

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

[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~208~~155006 Humboldt River at Woolsey. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Humboldt River

~~**Control point at Woolsey.**~~ The limits of this table apply from ~~**the control point at Woolsey upstream to the Imlay control point.**~~ **Imlay downstream to the Woolsey control Point.**

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 for NAC 445A.~~202~~155006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			warm water fishery										
Temperature °C - ΔT - Single Value[b]	ΔT = 0°C	ΔT ≤2°C			*	X							
pH Units Standard Units	A-Avg. : 7.0 – 8.9 S.V. : 7.0 – 9.0	S.V. : 6.5 - 9.0 ΔpH : ±0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l	—	S.V. : ≥5.0	X		*	X	X	X		X			
Chlorides - mg/l	A-Avg. : ≤130 S.V. : ≤175	S.V. : ≤250	X	X				*		X			
Total Phosphorus (as P) - mg/l	—	Apr.-Nov. Seasonal Avg. : ≤0.1			*	X	X	X					
Nitrogen species (N) - mg/l		Nitrate S.V. : ≤10 Nitrite S.V. : ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Total Dissolved Solids - mg/l	A-Avg. : ≤600 S.V. : ≤700	A-Avg. : ≤1000	X	X				*					
Suspended Solids - mg/l	—	Annual Median : ≤80[d]			*								
Sulfate - mg/l	—	S.V. : ≤250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU	—	S.V. : ≤50			*			X					
Fecal Coliform - No./100 ml	Annual Geometric Mean: ≤100 S.V.: ≤200	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410				*	X						
Sodium - SAR	—	A-Avg. : ≤8		X				X					

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

[a] Refer to NAC 445A.122 and 445A.154 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 suspended solids.
[e] Increase in color must not be more than 10 PCU above natural conditions.
[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~155007 Humboldt River: from Woolsey to Rodgers Dam.

STANDARDS OF WATER QUALITY
Humboldt River

The limits of this table apply from Woolsey to Rodgers Dam.

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 for NAC 445A.~~126~~155007			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1 The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

2 ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~3 The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~127~~155008 Humboldt River: from Rodgers Dam to, and including, Humboldt Sink.

STANDARDS OF WATER QUALITY
Humboldt River

The limits of this table apply from Rodgers Dam to, and including, Humboldt Sink.

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 for NAC 445A.~~127~~155008				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.~~124~~155009 Humboldt River, North Fork and tributaries in Independence Mountain Range: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork and tributaries in Independence Mountain Range

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155009			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155010 Humboldt River, North Fork: from the national forest boundary to its confluence with Beaver Creek.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork

The limits of this table apply from the national forest boundary to its confluence with Beaver Creek.

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 for NAC 445A.~~125~~155010			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155011 Humboldt River, North Fork: from its confluence with Beaver Creek to its confluence with the Humboldt River.

STANDARDS OF WATER QUALITY
Humboldt River, North Fork

The limits of this table apply from its confluence with Beaver Creek to its confluence with the Humboldt River.

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 for NAC 445A.~~125~~155011			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Humboldt River, South Fork and Tributaries

The limits of this table apply from its origin to Lee.

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 for NAC 445A.~~124~~155012			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155013 Humboldt River, South Fork: from Lee to its confluence with the Humboldt River.

STANDARDS OF WATER QUALITY
Humboldt River, South Fork

The limits of this table apply from Lee to its confluence with the Humboldt River.

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 for NAC 445A.~~125~~155013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~155014 Little Humboldt River: its entire length.

STANDARDS OF WATER QUALITY
Little Humboldt River

The limits of this table apply to its entire length.

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 for NAC 445A.~~126~~155014			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~155015 Little Humboldt River (North Fork): from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Little Humboldt River (North Fork)

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155015			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155016 Little Humboldt River (North Fork): from the national forest boundary to its confluence with the south fork of the Little Humboldt River.

STANDARDS OF WATER QUALITY
Little Humboldt River (North Fork)

The limits of this table apply from the national forest boundary to its confluence with the south fork of the Little Humboldt River.

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 for NAC 445A.~~125~~155016			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155017 Little Humboldt River (South Fork): from its origin to the Elko-Humboldt county line.

STANDARDS OF WATER QUALITY
Little Humboldt River (South Fork)

The limits of this table apply from its origin to the Elko-Humboldt county line.

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 for NAC 445A.~~124~~155017			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155018 Little Humboldt River (South Fork): from the Elko-Humboldt county line to its confluence with the north fork of the Little Humboldt River.

STANDARDS OF WATER QUALITY
Little Humboldt River (South Fork)

The limits of this table apply from the Elko-Humboldt county line to its confluence with the north fork of the Little Humboldt River.

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 for NAC 445A.~~125~~155018			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155019 Mary's 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.

STANDARDS OF WATER QUALITY
Mary's River

The limits of this table apply from its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.

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 for NAC 445A.~~124~~155019			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155020 Mary's River: from the east line of T. 42 N., R. 59 E., M.D.B. & M. to its confluence with the Humboldt River.

STANDARDS OF WATER QUALITY
Mary's River

The limits of this table apply from the east line of T. 42 N., R. 59 E., M.D.B. & M. to its confluence with the Humboldt River.

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 for NAC 445A.~~125~~155020			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155021 Tabor Creek: from its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Tabor Creek

The limits of this table apply from its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.

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 for NAC 445A.~~124~~155021			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155022 Maggie Creek tributaries: from their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek.

STANDARDS OF WATER QUALITY
Maggie Creek tributaries

The limits of this table apply from their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek.

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 for NAC 445A.~~124~~155022			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155023 Maggie Creek: from where it is formed by tributaries to its confluence with Jack Creek.

STANDARDS OF WATER QUALITY
Maggie Creek

The limits of this table apply from where it is formed by tributaries to its confluence with Jack Creek.

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 for NAC 445A.~~125~~155023			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~155024 Maggie Creek: from its confluence with Jack Creek to its confluence with Soap Creek

STANDARDS OF WATER QUALITY
Maggie Creek

The limits of this table apply from its confluence with Jack Creek to its confluence with Soap Creek.

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 for NAC 445A.~~126~~155024			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

STANDARDS OF WATER QUALITY
Maggie Creek

The limits of this table apply from its confluence with Soap Creek to the Humboldt River

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 for NAC 445A.~~126~~155025			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~155026 Secret Creek: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Secret Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155026			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155027 Secret Creek: from the national forest boundary to the Humboldt River.

STANDARDS OF WATER QUALITY
Secret Creek

The limits of this table apply from the national forest boundary to the Humboldt River.

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 for NAC 445A.~~125~~155027			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155028 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.

STANDARDS OF WATER QUALITY
Lamoille Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~155028			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155029 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.

STANDARDS OF WATER QUALITY
Lamoille Creek

The limits of this table apply 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.

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 for NAC 445A.~~125~~155029			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~155030 J.D. Ponds: to the entire area.

STANDARDS OF WATER QUALITY
J. D. Ponds

The limits of this table apply to the entire area.

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 for NAC 445A.~~126~~155030			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~155031 Denay Creek: from its origin to Tonkin Reservoir.

STANDARDS OF WATER QUALITY
Denay Creek

The limits of this table apply from its origin to Tonkin 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 for NAC 445A.~~124~~155031			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155032 Tonkin Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Tonkin Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~124~~155032			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤576**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155033 Denay Creek: below Tonkin Reservoir.

STANDARDS OF WATER QUALITY
Denay Creek

The limits of this table apply below Tonkin 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 for NAC 445A.~~125~~155033			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155034 Rock Creek: from its origin to Squaw Valley Ranch.

STANDARDS OF WATER QUALITY
Rock Creek

The limits of this table apply from its origin to Squaw Valley Ranch.

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 for NAC 445A.~~124~~155034			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~155035 **Rock Creek**: **below Squaw Valley Ranch.**

STANDARDS OF WATER QUALITY
Rock Creek

The limits of this table apply below Squaw Valley Ranch.

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 for NAC 445A.~~126~~155035			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~155036 Willow Creek: from its origin to Willow Creek Reservoir.

STANDARDS OF WATER QUALITY
Willow Creek

The limits of this table apply from its origin to Willow Creek 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 for NAC 445A.~~124~~155036			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155037 Willow Creek Reservoir (Elko County): the entire reservoir.

STANDARDS OF WATER QUALITY
Willow Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~155037			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155038 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.

STANDARDS OF WATER QUALITY
Pole Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~155038			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155039 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.

STANDARDS OF WATER QUALITY
Water Canyon Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~155039			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155040 Martin Creek: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Martin Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155040			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155041 Martin Creek from the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Martin Creek

The limits of this table apply from the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.

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 for NAC 445A.~~125~~155041			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155042 Dutch John Creek: the entire length.

STANDARDS OF WATER QUALITY
Dutch John Creek

The limits of this table apply to the entire length.

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 for NAC 445A.~~124~~155042			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155043 Huntington Creek: from its origin to the White Pine-Elko county line.

STANDARDS OF WATER QUALITY
Huntington Creek

The limits of this table apply from its origin to the White Pine-Elko county line.

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 for NAC 445A.~~124~~155043			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155044 Huntington Creek: from White Pine county line to confluence with Smith Creek.

STANDARDS OF WATER QUALITY
Huntington Creek

The limits of this table apply from White Pine county line to confluence with Smith Creek.

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 for NAC 445A.~~125~~155044			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155045 Huntington Creek: from its confluence with Smith Creek to its confluence with the South Fork Humboldt River.

STANDARDS OF WATER QUALITY
Huntington Creek

The limits of this table apply from its confluence with Smith Creek to its confluence with the South Fork Humboldt River.

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 for NAC 445A.~~125~~155045			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155046 Green Mountain Creek: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Green Mountain Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155046			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155047 Green Mountain Creek: from the national forest boundary to its confluence with Corral Creek.

STANDARDS OF WATER QUALITY
Green Mountain Creek

The limits of this table apply from the national forest boundary to its confluence with Corral Creek.

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 for NAC 445A.~~125~~155047			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155048 Toyn Creek: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Toyn Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155048			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155049 Reese Creek: from its origin to its confluence with Indian Creek.

STANDARDS OF WATER QUALITY
Reese Creek

The limits of this table apply from its origin to its confluence with Indian Creek.

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 for NAC 445A.~~124~~155049			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155050 Reese River: from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).

STANDARDS OF WATER QUALITY
Reese River

The limits of this table apply from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).

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 for NAC 445A.~~125~~155050			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Reese River

The limits of this table apply North of State Route 722 (old U.S. Highway 50).

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 for NAC 445A.~~126~~155051			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~155052 San Juan Creek: from its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
San Juan Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~155052			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155053 Big Creek: from its origin to the east boundary of United States Forest Service Big Creek Campground.

STANDARDS OF WATER QUALITY
Big Creek

The limits of this table apply from its origin to the east boundary of United States Forest Service Big Creek Campground.

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 for NAC 445A.~~124~~155053			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155054 Big Creek: from the east boundary of the United States Forest Service Big Creek Campground to the first diversion dam

STANDARDS OF WATER QUALITY
Big Creek

The limits of this table apply from the east boundary of the United States Forest Service 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.

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 for NAC 445A.~~125~~155054			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155055 Mill Creek: from its origin to the first point of diversion

STANDARDS OF WATER QUALITY
Mill Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~155055			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform- No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~155056 Lewis Creek: origin to the first point of diversion

STANDARDS OF WATER QUALITY
Lewis Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~155056			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155057 **Iowa Canyon Reservoir: the entire reservoir.**

STANDARDS OF WATER QUALITY
Iowa Canyon Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~155057			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~155058 Starr Creek: from the confluence of Ackler and Herder Creeks to the Humboldt River

STANDARDS OF WATER QUALITY
Starr Creek

The limits of this table apply from the confluence of Ackler and Herder Creeks to the Humboldt River.

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 for NAC 445A.~~125~~155058			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.154 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.156 Beneficial uses for the West Central Region. The Beneficial uses for the West Central Region would be prescribed in NAC445A.156. The standards for water quality for the West Central Region would be prescribed in NAC 445A.157. The beneficial uses for this area are:

There are no designated waters in the West Central Basin

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

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

NAC 445A.157 Water Quality Standards for the West Central Region. The standards for water quality for the West Central Region would be prescribed in NAC 445A.157. The Beneficial uses for the West Central Region would be prescribed in NAC445A.156.

There are no designated waters in the West Central Region.

NAC 445A.158 Beneficial uses for the Truckee Region. The Beneficial uses for the Truckee Region are prescribed in NAC445A.158. The standards for water quality for the Truckee Region are prescribed in NAC 445A.159001 to 445A.159047, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Truckee River Region													
Lake Tahoe	Existing sampling points	X	X	X	X	X	X	X	X	X			including a coldwater fishery	445A.159001
Lake Tahoe Tributaries	All tributaries to Lake Tahoe located in Nevada not included in NAC445A.167003 to 445A167017	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159002
Incline Creek, East Fork	The East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159003
Incline Creek, West Fork	The West Fork of the Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159004
Incline Creek	Incline Creek from the confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159005
Third Creek, East Fork	the East Fork of Third Creek at State Highway 431 to the origin of the East Fork of Third Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159006
Third Creek	Third Creek from the confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159007
Wood Creek	Wood Creek from the confluence with Lake Tahoe to the origin of Wood Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159008
Second Creek at Second Creek Drive	Second Creek from Second Creek Drive to the origin of Second Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159009
Second Creek at Lakeshore Drive	Second Creek from the confluence with Lake Tahoe to Second Creek Drive.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159010
First Creek at Dale and Knotty Pine Drives	First Creek from Dale and Knotty Pine Drives to the origin of First Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159011
First Creek at Lakeshore Drive	First Creek from the confluence with Lake Tahoe to Dale and Knotty Pine Drives.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159012
Glenbrook Creek	Glenbrook Creek from the confluence with Lake Tahoe to the origin of Glenbrook Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159013
Logan House Creek	Logan House Creek from the confluence with Lake Tahoe to the origin of Logan House Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159014
Eagle Rock Creek	Eagle Rock Creek from the confluence with Edgewood Creek to the origin of Eagle Rock Creek.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159015
Edgewood Creek at	Edgewood Creek 50 feet downstream from the culvert at Palisades Drive	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159016

Palisades Drive	upstream to the origins of Edgewood Creek.													
Edgewood Creek at Stateline	Edgewood Creek from the confluence with Lake Tahoe upstream to 50 feet downstream from the culvert at Palisades Drive on Edgewood Creek at Palisades Drive.	X	X	X	X	X	X	X	X		X		including a coldwater fishery	445A.159017
Truckee River at the state line	~~Control Point at the state line.~~ The Limits of the table apply only at the California-Nevada state line	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow and brown trout	445A.159018
Truckee River at Idlewild	~~Control point at Idlewild. The limits of this table apply from the control point at Idlewild to the state line control point.~~ **The Truckee River from the California –Nevada stateline downstream to Idlewild**	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow and brown trout	445A.159019
Truckee River at East McCarran	~~Control Point at East McCarran Boulevard Bridge. The Limits of this table apply from the East McCarran Control Point to the Idlewild control point.~~ **The Truckee River from Idlewild downstream to East McCarran bridge.**	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow and brown trout	445A.159020
Truckee River at Lockwood Bridge	~~Control point at Lockwood Bridge. The limits of this table apply from the control point at Lockwood to the E. McCarran control point.~~ **The Truckee River from East McCarran bridge downstream to the Lockwood Bridge**	X	X	X	X	X	X	X	X				Juvenile and adult rainbow and juvenile and adult brown trout	445A.159021
Truckee River at Derby Dam	~~Control Point at Derby Dam. The limits of this table apply from Derby Dam to the Lockwood Bridge control point.~~ **The Truckee River from the Lockwood Bridge downstream to Derby Dam**	X	X	X	X	X	X	X	X				Juvenile and adult rainbow and juvenile and adult brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August	445A.159022
Truckee River at Wadsworth Gage.	~~Control Point at Wadsworth gage. The limits of this table apply from the Wadsworth Gage control point to Derby Dam.~~ **The Truckee River from Derby Dam downstream to Wadsworth Gage**	X	X	X	X	X	X	X	X				Early spawning Lahontan cutthroat trout and their incubation larvae, juveniles and migration from May through June depending on hydrologic conditions.	445A.159023
Truckee River at Pyramid Lake	~~Control Point at Pyramid Lake. The limits of this table apply from the mouth of the Truckee River at Pyramid Lake to the Wadsworth Gage control Point.~~ **The Truckee river from the Wadsworth Gage downstream to Pyramid Lake**	X	X	X	X	X	X	X	X				Early spring spawning Lahontan cutthroat trout and cui-ui and their incubation, larvae, juveniles and migration	445A.159024

													from May through June depending on hydrologic conditions.	
Bronco Creek														445A.159025
Grey Creek														445A.159026
Hunter Creek	From its origin to Hunter Lake.	X	X	X	X	X	X	X	X					445A.159027
Hunter Lake	The entire lake.	X	X	X	X	X	X	X	X					445A.159028
Hunter Creek	From Hunter Lake to its confluence with the Truckee River.	X	X	X	X	X	X	X	X				Trout	445A.159029
Washoe Lakes	The entire lakes.	X	X	X	X	X	X	X	X					445A.159030
Steamboat Creek	From Little Washoe Lake to gaging station number 10-349300 located in the S 1/2, section 33, T. 18 N., R. 20 E., M.D.B. & M.	X	X	X		X	X	X	X					445A.159031
Steamboat Creek	From gaging station number 10-349300 located in S 1/2, section 33, T. 18 N., R. 20 E., M.D.B. & M. to its confluence with the Truckee River.	X	X	X	X	X	X	X	X					445A.159032
Franktown Creek	From its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19E, M.D.B. & M.	X	X	X	X	X	X	X	X					445A.159033
Franktown Creek	From the first irrigation diversion near the north line of section 9, T. 16 N., R. 19E, to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	445A.159034
Hobart Reservoir and tributaries	The entire system.	X	X	X	X	X	X	X	X				Trout	445A.159035
Ophir Creek	From its origin to State Route 429 (old U.S. highway 395).	X	X	X	X	X	X	X	X					445A.159036
Ophir Creek	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	445A.159037
Price's Lakes	The entire lake.	X	X	X	X	X	X	X	X					445A.159038
Davis Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	445A.159039
Galena Creek	From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X					445A.159040
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 SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	445A.159041
Galena Creek	From gaging station number 10-348900 located in the SW 1/4, SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.	X	X	X	X	X	X	X	X				Trout	445A.159042
Whites Creek	From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X					445A.159043
Whites Creek	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	445A.159044
Whites Creek	Below Steamboat Ditch.	X	X	X	X	X	X	X	X					445A.159045
Lagomarsino Creek (Long Valley Creek)	The entire length.	X	X	X		X	X	X	X					445A.159046
Tracy Pond	The entire area.	X	X	X	X	X	X	X	X					445A.159047

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													

NAC 445A.159 Water Quality Standards for the Truckee Region. The standards for water quality for the Truckee Region are prescribed in NAC 445A.159001 to 445A.159047, inclusive. The Beneficial uses for the Truckee Region are prescribed in NAC445A.158.

NAC 445A.~~191~~159001 Lake Tahoe.

STANDARDS OF WATER QUALITY
Lake Tahoe

Control Point: Existing sampling points.

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 for NAC 445A.~~1905~~159001			X	X	X	X	X	X	X	X	X		
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1.- May 31 : ≤ 10°C June 1 –Sept.30 : ≤ 20°C ΔT [b] = : ≤ 0°C			*	X							
pH Units		S.V. 7.0-8.4	X	X	*	*		X	X	*			
Dissolved Oxygen – % of saturation		S.V. : 90.0	X		*	X	X	X		X			
Chlorides - mg/l		A.A. : ≤ 3.0 S.V. : ≤ 5.0	X	X	*			X		X			
Soluble Phosphorus (as P) - mg/l		A-Avg. : ≤ 7.0			*	X	X	X					
Nitrogen Species (N) - mg/l		Nitrite S.V. : ≤2.0 Total Nitrogen A-Avg. : ≤ 0.25 S.V. : ≤ 0.32		X	X			*		X			
Total Soluble Inorganic Nitrogen - µg/l		A-Avg ≤ 25.0	*	X	X			*		X			
Unionized Ammonia - mg/l		S.V. : ≤ 0.003			*								
Total Dissolved Solids - mg/l		A.A. : ≤ 60.0 S.V. : ≤ 70.0	X	X				*					
Turbidity		[c]			*			X					
Specific Electrical Conductance micromhos per cm at 20°		A.A. : ≤ 95.0 S.V. : ≤ 105.0						*					
Clarity		[d]			*						X		
Coliform Organisms - MPN/100 ml		[e]	X	X		*	X	X		X			
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Algal Growth Potential		[f]									X		
Sulfate - mg/l		S.V. : ≤ 2.0						X					
Sodium - SAR		A-Avg. : ≤ 8		X									
Plankton Count -	—	Avg.									X		

number per ml		(June – Sept.) : ≤ 100.0 S.V. : ≤ 500.0											

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

[a] Refer to NAC 445A.122 and 445A.158 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] 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

[d] 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

[e] 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

[f] 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.

NAC 445A.~~1915~~159002 Lake Tahoe Tributaries: All tributaries to Lake Tahoe located in Nevada not included in NAC445A.167003 to 445A167017

STANDARDS OF WATER QUALITY
Lake Tahoe Tributaries

The following standards apply to all tributaries to Lake Tahoe located in Nevada not included in NAC445A.167003 to NAC445A.167017

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 for NAC 445A.~~1912~~159002			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen – mg/l		S.V.: ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l		Nitrite S.V.: ≤0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU		S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159003 East Fork of Incline Creek.

STANDARDS OF WATER QUALITY
East Fork of Incline Creek

~~**Control point at the East Fork of Incline Creek at the ski resort**~~. The standards specified in the table apply to the East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek.

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 for NAC 445A.~~1912~~159003			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 4.0 A.A.: ≤ 2.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 1.1 A.A.: ≤ 0.4	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 70 A.A.: ≤ 55	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159004 West Fork of Incline Creek.

STANDARDS OF WATER QUALITY
West Fork of Incline Creek

The standards specified in the table apply to the West Fork of the Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek.

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 for NAC 445A.~~1912~~159004			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 6.0 A.A.: ≤ 5.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.9 A.A.: ≤ 0.5	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 80 A.A.: ≤ 80	A.A.: ≤ 500.0	X	X				*					
Turbidity	S.V.: ≤ 3.0 A.A.: ≤ 20	S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: ≤ N/A A.A.: ≤ 8.0	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159005 Incline Creek.

STANDARDS OF WATER QUALITY
Incline Creek

The standards specified in the table apply to Incline Creek from the confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.

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 for NAC 445A.~~1912~~159005			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 8.0 A.A.: ≤ 6.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 1.8 A.A.: ≤ 1.2	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 85 A.A.: ≤ 70	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159006 East Fork of Third Creek.

STANDARDS OF WATER QUALITY
East Fork of Third Creek

The standards specified in the table apply from the East Fork of Third Creek at State Highway 431 to the origin of the East Fork of Third Creek.

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 for NAC 445A.~~1912~~159006			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 5.0 A.A.: ≤ 3.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: A.A.: ≤ 0.045	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.5 A.A.: ≤ 0.3	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 80 A.A.: ≤ 65	A.A.: ≤ 500.0	X	X				*					
Turbidity	S.V.: ≤ 3.0 A.A.: ≤ 2.0	S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: ≤ N/A A.A.: ≤ 20.0	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Third Creek

The standards specified in the table apply to Third Creek from the confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.

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 for NAC 445A.~~1912~~159007			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 5.0 A.A.: ≤ 4.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 1.4 A.A.: ≤ 1.0	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 75 A.A.: ≤ 55	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Wood Creek

The standards specified in the table apply to Wood Creek from the confluence with Lake Tahoe to the origin of Wood Creek.

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 for NAC 445A.~~1912~~159008			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 5.0 A.A.: ≤ 3.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.7 A.A.: ≤ 0.5	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 70 A.A.: ≤ 60	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159009 Second Creek at Second Creek Drive.

STANDARDS OF WATER QUALITY
Second Creek at Second Creek Drive

The standards specified in the table apply to Second Creek from Second Creek Drive to the origin of Second Creek.

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 for NAC 445A.~~1912~~159009			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 5.0 A.A.: ≤ 3.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.3 A.A.: ≤ 0.2	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 70 A.A.: ≤ 65	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159010 Second Creek at Lakeshore Drive.

STANDARDS OF WATER QUALITY
Second Creek at Lakeshore Drive

The standards specified in the table apply to Second Creek from the confluence with Lake Tahoe to Second Creek Drive.

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 for NAC 445A.~~1912~~159010			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 6.0 A.A.: ≤ 3.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.6 A.A.: ≤ 0.3	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 80 A.A.: ≤ 60	A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159011 First Creek at Dale and Knotty Pine Drives.

STANDARDS OF WATER QUALITY
First Creek at Dale and Knotty Pine Drives

The standards specified in the table apply to First Creek from Dale and Knotty Pine Drives to the origin of First Creek.

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 for NAC 445A.~~1912~~159011			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 3.0 A.A.: ≤ 2.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: A.A.: ≤ 0.043	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.3 A.A.: ≤ 0.2	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 80 A.A.: ≤ 70	A.A.: ≤ 500.0	X	X				*					
Turbidity	S.V.: ≤ 4.0 A.A.: ≤ 2.0	S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~1915 &1917~~ 159012 First Creek at Lakeshore Drive.

STANDARDS OF WATER QUALITY
First Creek and Lakeshore Drive

The standards specified in the table apply to First Creek from the confluence with Lake Tahoe to Dale and Knotty Pine Drives.

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 for NAC 445A.~~1912~~159012			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l	S.V.: ≤ 4.0 A.A.: ≤ 3.0	S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.6 A.A.: ≤ 0.3	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l	S.V.: ≤ 90 A.A.: ≤ 75	A.A.: ≤ 500.0	X	X				*					
Turbidity	S.V.: ≤ 9.0 A.A.: ≤ 8.0	S.V.: ≤ 10.0			*							*	
Total Suspended Solids mg/l		S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Glenbrook Creek

The standards specified in the table apply to Glenbrook Creek from the confluence with Lake Tahoe to the origin of Glenbrook Creek.

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 for NAC 445A.~~1912~~159013			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤ 0.060 A.A.: N/A	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.5 A.A.: ≤ 0.5	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: ≤ 22.0 A.A.: N/A	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Logan House Creek

The standards specified in the table apply to Logan House Creek from the confluence with Lake Tahoe to the origin of Logan House Creek.

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 for NAC 445A.~~1912~~159014			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤ 0.035 A.A.: ≤ 0.035	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.5 A.A.: ≤ 0.5	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: ≤ 11.0 A.A.: N/A	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Eagle Rock Creek

The standards specified in the table apply to Eagle Rock Creek from the confluence with Edgewood Creek to the origin of Eagle Rock Creek.

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 for NAC 445A.~~1912~~159015			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤ 0.050 A.A.: ≤ 0.045	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.2 A.A.: ≤ 0.3	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: ≤ 12.0 A.A.: ≤ 12.0	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Edgewood Creek at Palisades Drive

The standards specified in the table apply to Edgewood Creek from the control point upstream to the origins of Edgewood Creek.

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 for NAC 445A.~~1912~~159016			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤ 0.100 A.A.: N/A	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l ≤ 0.6 S.V.: ≤ 0.6 A.A.:	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: N/A A.A.: N/A	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

STANDARDS OF WATER QUALITY
Edgewood Creek at Stateline

The standards specified in the table apply to Edgewood Creek from the confluence with Lake Tahoe upstream to the control point on Edgewood Creek at Palisades Drive.

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 for NAC 445A.~~1912~~159017			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of concern			including a coldwater fishery										
Temperature °C-Maximum		Oct. 1. - May 31: ≤ 10°C June 1 – Sept.30: ≤ 20°C			*	X							
pH Units	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			
Chloride - mg/l		S.V.: ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤ 0.065 A.A.: N/A	A-Avg. : ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l ≤ 0.4 S.V.: N/A A.A.:	Nitrite S.V.: ≤ 0.06 Nitrate S.V.: ≤ 10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V.: ≤ 0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤ 500.0	X	X				*					
Turbidity		S.V.: ≤ 10.0			*			X				*	
Total Suspended Solids mg/l	S.V.: 17.0 A.A.: N/A	S.V.: ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤ 75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V.: ≤ 250.0						X					
Sodium – SAR		A-Avg.: ≤ 8		X									

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.

NAC 445A.~~184~~159018 Truckee River at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

~~**Control Point at the state line**~~. The limits of this table apply only at the California-Nevada state line.

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 for NAC 445A.~~183~~159018			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			All life stages of mountain whitefish, rainbow and brown trout										
Temperature °C-Maximum ΔT^b		Nov.-Mar: ≤ 7°C Apr - May: ≤ 13°C June: ≤ 17°C July: ≤ 22°C Aug.: ≤ 21°C Sept - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units	7.0 - 8.3	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0. 03	A-Avg. : ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V.: : ≤ 0. 01	S.V.: : ≤ 0. 05			*	*	X	X					
Nitrogen Species (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	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 15 —	S.V. : ≤ 25			*								
Turbidity - NTU	A-Avg. : ≤ 5.0 S.V. : ≤ 9.0	S.V. : ≤ 10.00			*			X					
Color - PCU	[d]	S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 70 S.V. : ≤ 85	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 30 S.V. : ≤ 150	≤ 200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						
BOD – mg/l		A-Avg. : ≤ 2.5 S.V. : ≤ 3.0						*					

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

[a] Refer to NAC 445A.122 and 445A.158 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Truckee River

~~Control point at Idlewild.~~ The limits of this table apply from ~~the control point at Idlewild to the state line control point.~~ **the California –Nevada stateline downstream to Idlewild**

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 for NAC 445A.~~183~~159019			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			All life stages of mountain whitefish, rainbow and brown trout										
Temperature °C-Maximum ΔT^b		Nov.-Mar: ≤ 7°C Apr - May: ≤ 13°C June: ≤ 17°C July: ≤ 21°C Aug.: ≤ 22°C Sept - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units	7.2 - 8.3	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0. 05	A-Avg. : ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V.: : ≤ 0. 02	S.V.: : ≤ 0. 05			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.3 S.V. : ≤ 0.43	Nitrate : ≤ 2.0 S.V. : ≤ 0.04 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 15.0 —	S.V. : ≤ 25			*								
Turbidity - NTU	A-Avg. : ≤ 6.0 S.V. : ≤ 9.0	S.V. : ≤ 10.00			*			X					
Color - PCU	[d]	S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 80 S.V. : ≤ 95	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 50 S.V. : ≤ 200	≤ 200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤ 126 ≤ 410				*	X						
BOD – mg/l		A-Avg. : ≤ 2.5						*					

		S.V. : ≤ 3.0											

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

[a] Refer to NAC 445A.122 and 445A.158 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~186~~159020 Truckee River at East McCarran. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

~~**Control Point at East McCarran Boulevard Bridge.**~~ The limits of this table apply from ~~**the East McCarran Control Point to the Idlewild control point.**~~ **Idlewild downstream to East McCarran bridge.**

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 for NAC 445A.~~183~~159020			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			All life stages of mountain whitefish, rainbow and brown trout										
Temperature °C-Maximum ΔT[b]		Nov.-Mar: ≤ 7°C Apr - May: ≤ 13°C June: ≤ 17°C July: ≤ 21°C Aug.: ≤ 22°C Sept - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units	7.0 - 8.5	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0. 05	A-Avg. : ≤ 0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V.: : ≤ 0. 02	S.V.: : ≤ 0. 05			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.3 S.V. : ≤ 0.43	Nitrate : ≤ 2.0 S.V. : ≤ 0.04 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 15.0 —	S.V. : ≤ 25			*								
Turbidity - NTU	A-Avg.: : ≤ 6.0	S.V. : ≤ 10.0			*			X					
Color - PCU	[d]	S.V. : ≤ 75						*					
Total Dissolved Solids – mg/l	A-Avg. : ≤ 90 S.V. : ≤ 120	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 75.0 S.V. : ≤ 350.0	≤ 200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.158 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~187~~159021 Truckee River at Lockwood Bridge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Truckee River

~~**Control point at Lockwood Bridge.**~~ The limits of this table apply from ~~**the control point at Lockwood to the E. McCarran control point.**~~ **East McCarran bridge downstream to the Lockwood Bridge**

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 for NAC 445A.~~183~~159021			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Juvenile and adult brown trout		rainbow and juvenile and adult								
Temperature °C-Maximum ΔT^b		Nov.-Mar: ≤ 13°C Apr: ≤ 21°C[c] May: ≤ 22°C[c,d] June - Oct.: ≤ 23°C[c,d] Δ T: ≤ 2°C			*	X							
pH Units	7.1 - 8.5	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V.: : ≤ 0. 02	S.V.: : ≤ 0. 05			*	*	X	X					
Nitrogen Species (N) - mg/l		Total N A-Avg. : ≤ 0.75 S.V. : ≤ 1.2 Nitrate S.V. : ≤ 2.0 Nitrite S.V. : ≤ 0.04	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[e]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 25.0 —	S.V. : ≤ 50			*								
Turbidity - NTU		S.V. : ≤ 10.0			*			X					
Color - PCU	[f]	S.V. : ≤ 75						*					
Total Dissolved Solids – mg/l	A-Avg. : ≤ 210 S.V. : ≤ 260	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 90.0 S.V. : ≤ 300.0	≤ 200/400[g]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 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 $\leq 2°C$ 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 Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Truckee River

~~Control Point at Derby Dam.~~ The limits of this table apply from ~~Derby Dam to the Lockwood Bridge control point.~~ **the Lockwood Bridge downstream to Derby Dam**

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 for NAC 445A.~~183~~159022			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Juvenile and adult rainbow and juvenile and adult brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August										
Temperature °C-Maximum ΔT^b		Nov.-Mar: ≤ 13°C Apr: ≤ 21°C[c] May: ≤ 22°C[c,d] June - Oct.: ≤ 23°C[c,d] Δ T: ≤ 2°C			*	X							
pH Units	7.0 - 8.6	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	*	X	X					
Nitrogen Species (N) - mg/l		Total N A-Avg. : ≤ 0.75 S.V. : ≤ 1.2 Nitrate S.V. : ≤ 2.0 Nitrite S.V. : ≤ 0.04	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	e			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤24.0 S.V. : ≤40.0	S.V. : ≤ 50			*								
Turbidity - NTU	A-Avg. : ≤8.0	S.V. : ≤ 10.0			*			X					
Color - PCU	f	S.V. : ≤ 75						*					
Total Dissolved Solids – mg/l	A-Avg. : ≤ 215.0 S.V. : ≤ 265.0	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 80.0 S.V. : ≤ 350.0	≤ 200/400[g]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 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 $\leq 2°C$ 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 Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Truckee River

~~Control Point at Wadsworth gage.~~ This limits of this table apply from ~~the Wadsworth Gage control point to Derby Dam.~~ **Derby Dam downstream to Wadsworth Gage**

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 for NAC 445A.~~183~~159023			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-Maximum ΔT[b]		Nov.-Mar: ≤ 13°C[c] Apr - June: ≤ 14°C[c] July - Oct.: ≤ 25°C[d] Δ T: ≤ 2°C			*	X							
pH Units	7.1 - 8.6	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	*	X	X					
Nitrogen Species (N) - mg/l		Total N A-Avg. : ≤ 0.75 S.V. : ≤ 1.2 Nitrate : ≤ 2.0 S.V. : ≤ 0.04 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	e			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤25.0	S.V. : ≤ 50			*								
Turbidity - NTU		S.V. : ≤ 10.0			*			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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 50.0 S.V. : ≤ 250.0	≤ 200/400[g]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100ml.

NAC 445A.~~190~~159024 Truckee River at Pyramid Lake.

STANDARDS OF WATER QUALITY
Truckee River

~~**Control Point at Pyramid Lake.**~~ The limits of this table apply from ~~**the mouth of the Truckee River at Pyramid Lake to the Wadsworth Gage control Point.**~~ **the Wadsworth Gage downstream to Pyramid Lake**.

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 for NAC 445A.~~183~~159024			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Early spring spawning Lahontan cutthroat trout and cui-ui and their incubation, larvae, juveniles and migration from May through June depending on hydrologic conditions.										
Temperature °C-Maximum ΔT^b		Nov.-Mar: ≤ 13°C[c] Apr - June: ≤ 14°C[c] July - Oct.: ≤ 25°C[d] Δ T: ≤ 2°C			*	X							
pH Units	7.3 – 9.0	S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05			*	*	X	X					
Nitrogen Species (N) - mg/l		Total N A-Avg. : ≤ 0.75 S.V. : ≤ 1.2 Nitrate : ≤ 2.0 S.V. : ≤ 0.04 Nitrite S.V.	X		*	X	X	*		X			
Ammonia (unionized) - mg/l	—	S.V. : ≤ 0.02			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Mar : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤25.0	S.V. : ≤ 50			*								
Turbidity - NTU		S.V. : ≤ 10.0			*			X					
Color - PCU	[e]	S.V. : ≤ 75						*					
Total Dissolved Solids – mg/l	A-Avg. : ≤ 415.0	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 105.0 S.V. : ≤ 130.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. : ≤ 85.0 S.V. : ≤ 106.0	S.V. : ≤ 250						*					
Sodium - SAR	A-Avg. : ≤ 2.4 S.V. : ≤ 2.9	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 40.0 S.V. : ≤ 250.0	≤ 200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 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] Increase in color must not be more than 10 PCU above natural conditions.

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Bronco Creek

Control Point Hirschdale Road.

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 for NAC 445A.~~181~~159025													
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]		Avg. June - Sept ≤20°C SV Summer ≤25°C SV Winter.: ≤13°C ΔT ≤0°C											
pH Units		Ann Median 7.0 – 8.5 S.V.: 6.5- 8.5 ΔpH: ±0.5 Max.											
Total Phosphates (PO_4) - mg/l		A-Avg.: ≤0.3 S.V.: ≤0.4											
Nitrogen Species (N) - mg/l		Nitrates (NO_3) S.V. : ≤ 3.0											
Dissolved Oxygen - mg/l	— —	Avg. June - ≥ 8.0 Sept ≥ 7.0 S.V.:											
Turbidity - NTU		[c]											
Color - PCU		[d]											
Total Dissolved Solids – mg/l		A-Avg.: ≤ 125 S.V.: ≤ 165											
Chlorides - mg/l		S.V. : ≤ 10											
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions											
Fecal Coliform-No./100 ml	A.G.M.: ≤40 S.V.: ≤250	≤ 200/400[e]											

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

[a] Refer to NAC 445A.122 and 445A.158 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] Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson Units.

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

[e] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters. The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.

STANDARDS OF WATER QUALITY
Gray Creek

Control Point Hirschdale Road.

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 for NAC 445A.~~182~~159026													
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b		Avg. June - Sept ≤20°C[e] SV Summer ≤25°C[e] SV Winter.: ≤13°C[f] ΔT ≤0°C											
pH Units		Ann Median 7.0 – 8.5 S.V.: 6.5- 8.5 ΔpH: ±0.5 Max.											
Total Phosphates (PO_4) - mg/l		A-Avg.: ≤0.3 S.V.: ≤0.4											
Nitrogen Species (N) - mg/l		Nitrates (NO_3) S.V. : ≤ 2.0											
Dissolved Oxygen - mg/l	— —	Avg. June - ≥7.0 Sept ≥6.0 S.V.:											
Turbidity - NTU		c											
Color - PCU		d											
Total Dissolved Solids – mg/l		A-Avg.: ≤ 225 S.V.: ≤ 300											
Chlorides - mg/l		S.V. : ≤ 15											
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions											
Fecal Coliform-No./100 ml	A.G.M.: ≤40 S.V.: ≤250	≤ 200/400[e]											

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

[a] Refer to NAC 445A.122 and 445A.158 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] Turbidity must not exceed that characteristic of natural conditions by more than 10 Jackson Units.

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

[e] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters. The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.

NAC 445A.~~124~~159027 Hunter Creek: its origin to Hunter Lake.

STANDARDS OF WATER QUALITY
Hunter Creek

The limits of this table apply from its origin to Hunter Lake.

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 for NAC 445A.~~124~~159027			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10 .			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~159028 Hunter Lake: the entire lake.

STANDARDS OF WATER QUALITY
Hunter Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~124~~159028			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Hunter Creek

The limits of this table apply from Hunter Lake to its confluence with the Truckee River.

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 for NAC 445A.~~125~~159029			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~159030 Washoe Lakes: the entire lakes.

STANDARDS OF WATER QUALITY
Washoe Lakes

The limits of this table apply to the entire lakes.

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 for NAC 445A.~~126~~159030			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤235**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~159031 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.

STANDARDS OF WATER QUALITY
Steamboat Creek

The limits of this table apply 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.

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 for NAC 445A.~~126~~159031			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~**The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.**~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] **The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.**~~

NAC 445A.~~127~~159032 Steamboat Creek: 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.

STANDARDS OF WATER QUALITY
Steamboat Creek

The limits of this table apply 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.

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 for NAC 445A.~~127~~159032				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.~~124~~159033 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.

STANDARDS OF WATER QUALITY
Franktown Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~159033			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159034 Franktown Creek: the first irrigation diversion near the north line of section 9, T. 16 N., R. 19E, to Washoe Lake.

STANDARDS OF WATER QUALITY
Franktown Creek

The limits of this table apply from the first irrigation diversion near the north line of section 9, T. 16 N., R. 19E, to Washoe Lake.

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 for NAC 445A.~~125~~159034			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159035 Hobart Reservoir and tributaries:

STANDARDS OF WATER QUALITY
Hobart Reservoir and tributaries

The limits of this table apply from the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.

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 for NAC 445A.~~125~~159035			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Ophir Creek

The limits of this table apply from its origin to State Route 429 (old U.S. highway 395).

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 for NAC 445A.~~124~~159036			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Ophir Creek

The limits of this table apply from State Route 429 (old U.S. Highway 395) to Washoe Lake.

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 for NAC 445A.~~125~~159037			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~159038 Price's Lakes: the entire lake.

STANDARDS OF WATER QUALITY
Price's Lakes

The limits of this table apply to the entire lake.

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 for NAC 445A.~~124~~159038			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159039 Davis Lake: the entire lake.

STANDARDS OF WATER QUALITY
Davis Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~125~~159039			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤235**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~159040 Galena Creek: from its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Galena Creek

The limits of this table apply from its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.

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 for NAC 445A.~~124~~159040			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159041 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 SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Galena Creek

The limits of this table apply 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 SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M.

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 for NAC 445A.~~125~~159041			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~159042 Galena Creek: from gaging station number 10-348900 located in the SW 1/4, SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.

STANDARDS OF WATER QUALITY
Galena Creek

The limits of this table apply from gaging station number 10-348900 located in the SW 1/4, SW 1/4, section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.

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 for NAC 445A.~~126~~159042			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~159043 Whites Creek: its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Whites Creek

The limits of this table apply from its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.

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 for NAC 445A.~~124~~159043			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159044 Whites Creek: the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. to Steamboat Ditch.

STANDARDS OF WATER QUALITY
Whites Creek

The limits of this table apply below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. to Steamboat Ditch.

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 for NAC 445A.~~125~~159044			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~159045 Whites Creek: below Steamboat Ditch.

STANDARDS OF WATER QUALITY
Whites Creek

The limits of this table apply below Steamboat Ditch.

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 for NAC 445A.~~125~~159045			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~127~~159046 Lagomarsino Creek (Long Valley Creek): the entire length.

STANDARDS OF WATER QUALITY
Lagomarsino Creek (Long Valley Creek)

The limits of this table apply to the entire length.

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 for NAC 445A.~~127~~159046				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.158 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.~~126~~159047 Tracy Pond: the entire area.

STANDARDS OF WATER QUALITY
Tracy Pond

The limits of this table apply to the entire area.

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 for NAC 445A.~~126~~159047			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.158 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.160 Beneficial uses for the Western Region. The Beneficial uses for the Western Region would be prescribed in NAC445A.160. The standards for water quality for the Western Region would be prescribed in NAC 445A.161. The beneficial uses for this area are:

There are no designated waters in the Western Basin.

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

NAC 445A.161 Water Quality Standards for the Western Region. The standards for water quality for the Western Region would be prescribed in NAC 445A.162. The Beneficial uses for the Western Region would be prescribed in NAC445A.160.

There are no designated waters in the Western Region.

NAC 445A.162 Beneficial uses for the Carson Region. The Beneficial uses for the Carson Region are prescribed in NAC445A.162. The standards for water quality for the Carson Region are prescribed in NAC 445A.163001 to 445A.163031, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Carson River Region													
Carson River West Fork at state line	~~Control point at the West fork at the state line. The limits of this table apply only to t~~The west fork at the state line	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163001
Bryant Creek near the state line	~~Control Point at Bryant Creek near the state line. The limits of this table apply only to~~ Bryant Creek at state line	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163002
Carson River East Fork at the state line	~~Control point at the East Fork at the state line. The limits of this table apply only to t~~The East Fork at the state line	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163003
Carson River East Fork at Highway 395 south of Gardnerville	~~Control Point for East fork at Highway 395, South of Gardnerville (Riverview). The limits of this table from Riverview Mobile Home Park to the state line~~. **The East Fork from the state line downstream to the Riverview Mobile Home Park at highway 395**	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163004
Carson River East Fork at Muller Lane	~~The limits of this table apply only from the East fork at Muller Lane to Highway 395, south of Gardnerville (Riverview Home Park).~~ **The East Fork from Highway 395 South of Gardnerville (Riverview Home Park) to Muller Lane**	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163005
Carson River at Genoa Lane	~~Control point at Genoa Lane. The limits of this table apply from Genoa Lane to the East fork at Muller Lake and to the West Fork at the state line.~~ **From the East Fork at Muller Lane to Genoa Lane & the West Fork at state line to Genoa Lane**	X	X	X	X	X	X	X	X				catfish, rainbow trout, brown trout	445A.163006
Carson River at Cradlebaugh Bridge	~~Control point at Cradlebaugh Bridge. The limits of this table apply from Cradlebaugh Bridge to Genoa Lane.~~ **The Carson River from Genoa Lane to Highway 395, at Cradlebaugh Bridge**	X	X	X	X	X	X	X	X				catfish, rainbow trout, brown trout	445A.163007
Carson River at Mexican Ditch Gage	~~Control Point at Mexican Ditch Gage. The limits of this table apply from Mexican Ditch Gage to Highway 395, at Cradlebaugh Bridge.~~ **The Carson River from Highway 395, at Cradlebaugh Bridge to Mexican Ditch Gage**	X	X	X	X	X	X	X	X				rainbow trout, brown trout	445A.163008
Carson River near New Empire	~~Control Point near New Empire. The Limits of this table apply from New Empire to the Mexican Gage.~~ **The Carson River from Mexican Ditch Gage to New Empire**	X	X	X	X	X	X	X	X				smallmouth bass, rainbow trout, brown trout	445A.163009
Carson River	~~Control Point at Dayton Bridge. The~~	X	X	X	X	X	X	X	X				walleye, channel	445A.163010

at Dayton Bridge	~~limits of this table apply from Dayton Bridge to New Empire.~~ **The Carson River from New Empire to the Dayton Bridge**												catfish, white bass	
Carson River at Weeks	~~Control Point at Weeks (Ft. Churchill). The limits of this table apply from the U.S. Highway 95 Bridge at Weeks to the Dayton Bridge.~~ **The Carson River from the Dayton Bridge to U.S. Highway 95 bridge at Weeks**	X	X	X	X	X	X	X	X				walleye, channel catfish, white bass	445A.163011
Carson River at Lahontan Dam	~~Control Point at Lahontan Dam. The limits of this table apply from Lahontan Dam to the U.S. Highway 95 Bridge at Weeks.~~ **The Carson River from the U.S. Highway 95 bridge at Weeks to Lahontan Dam.**	X	X	X	X	X	X	X	X				walleye, channel catfish, white bass	445A.163012
Lower Carson River	From Lahontan Reservoir to Carson Sink (the natural channel)	X	X	X	X	X	X	X	X					445A.163013
Daggett Creek	From its origin to the Carson River.	X	X	X	X	X	X		X					445A.163014
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					445A.163015
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					445A.163016
Clear Creek	From its origin to gaging station number 10-3105 located in NE 1/4 NE 1/4, section 1, T. 14 N., R. 19E, M.D.B. & M.	X	X	X	X	X	X		X					445A.163017
Clear Creek	From gaging station number 10-3105 located in the NE 1/4 NW 1/4, section 1, T. 14 N., R. 19 E., M.D.B. & M. to the Carson River.	X	X	X	X	X	X	X	X				Trout	445A.163018
Kings Canyon	From its origin to the point of the 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					445A.163019
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					445A.163020
V-Line Canal	From the Carson diversion dam to its division into the S & L Canals.	X	X	X	X	X	X	X	X					445A.163021
Rattlesnake Reservoir	Also known as S-Line Reservoir, the entire reservoir.	X	X	X	X	X	X	X	X					445A.163022
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					445A.163023
Diagonal Drain	Its entire length.	X	X	X	X	X	X	X	X					445A.163024
South Carson Lake	Also known as Government Pasture or the Greenhead Gun Club, the entire lake.	X	X	X	X	X	X	X	X					445A.163025
Harmon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.163026
Stillwater Marsh	All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.	X	X	X	X	X	X	X	X					445A.163027
Stillwater	All that area of Stillwater Marsh ~~not~~	X	X	X		X		X	X					445A.163028

Marsh	~~**designated as class C.**~~ **east and south of the Community of Stillwater.**													
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													

NAC 445A.163 Water Quality Standards for the Carson Region. The standards for water quality for the Carson Region are prescribed in NAC 445A.163001 to 445A.163028, inclusive. The Beneficial uses for the Carson Region are prescribed in NAC445A.162.

NAC 445A.~~147~~163001 Carson River: West Fork at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

~~**Control point at the West fork at the state line.**~~ The limits of this table apply only to the west fork at the state line

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 for NAC 445A.~~146~~163001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT[b]		Nov.-May : ≤13°C June : ≤17°C July : ≤21°C Aug.-Oct. : ≤22°C Δ T ≤2°C			*	X							
pH Units	7.4 - 8.4 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.016 S.V. : ≤.033	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	A-Avg. : ≤0.4 S.V. : ≤0.5	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥5.0 Jun.-Oct. : ≥6.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤105 —	≤200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410					*	X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~**Control Point at Bryant Creek near the state line.**~~ The limits of this table apply only to Bryant Creek at state line.

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 for NAC 445A.~~146~~163002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT[b]	ΔT = 0°C	Nov.-May : ≤13°C June : ≤17°C July : ≤21°C Aug.-Oct. : ≤22°C ΔT : ≤2°C			*	X							
pH Units	— —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.036 S.V. : ≤.05	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	A-Avg. : ≤0.6 S.V. : ≤1.0	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	— —	S.V. : ≤25			*								
Turbidity - NTU	— —	S.V. : ≤10			*			X					
Color - PCU	[d]	S.V. : ≤10						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤375 S.V. : ≤420	A-Avg. : ≤500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤50 S.V. : ≤90	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~**Control point at the East Fork at the state line**~~. The limits of this table apply only to the East Fork at the state line.

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 for NAC 445A.~~146~~163003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-May : ≤13°C June : ≤17°C July : ≤21°C Aug.-Oct. : ≤22°C ΔT : ≤2°C			*	X							
pH Units	— —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.03 S.V. : ≤.065	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤0.5 S.V. : ≤1.1	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤40 S.V. : ≤60	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~150~~163004 Carson River: East Fork at Highway 395, south of Gardnerville. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

~~**Control Point for East fork at Highway 395, South of Gardnerville (Riverview).**~~ The limits of this table apply from ~~**Riverview Mobile Home Park to the state line**~~**. the state line downstream to the Riverview Mobile Home Park at highway 395**.

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 for NAC 445A.~~146~~163004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-May : ≤13°C June : ≤17°C July : ≤21°C Aug.-Oct. : ≤22°C ΔT : ≤2°C			*	X							
pH Units	7.5 - 8.6 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤0.4 S.V. : ≤0.5	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤20 S.V. : ≤85	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~Control Point at the East Fork at Muller Lane.~~ The limits of this table apply ~~only from the East fork at Muller Lane to Highway 395, south of Gardnerville (Riverview Home Park).~~ **from Highway 395 South of Gardnerville (Riverview Home Park) to Muller Lane**.

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 for NAC 445A.~~146~~163005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-May : ≤13°C June : ≤17°C July : ≤21°C Aug.-Oct. : ≤22°C ΔT : ≤2°C			*	X							
pH Units	7.4 - 8.7 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤0.5 S.V. : ≤0.8	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	c			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤50 —	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~152~~163006 Carson River at Genoa Lane. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

~~**Control point at Genoa Lane.**~~ The limits of this table apply from ~~**Genoa Lane to the East fork at Muller Lake and to the West Fork at the state line.**~~ **the East Fork at Muller Lane to Genoa Lane & the West Fork at state line to Genoa Lane**.

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 for NAC 445A.~~146~~163006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Catfish, rainbow trout and brown trout.										
Temperature °C-Maximum ΔT[b]	 ΔT = 0°C	Nov.-Apr. : ≤13°C May-June : ≤17°C Jul.-Oct. : ≤23°C ΔT : ≤2°C			*	X							
pH Units	7.4 - 8.5 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤0.8 S.V. : ≤1.3	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia as (N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Apr. : ≥6.0 May-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤180 —	≤200/400[e]	X			*	X	X		X			
E Coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~153~~163007 Carson River at Cradlebaugh Bridge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

~~Control point at Cradlebaugh Bridge.~~ The limits of this table apply from ~~Cradlebaugh Bridge to Genoa Lane.~~ **Genoa Lane to Highway 395, at Cradlebaugh Bridge**.

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 for NAC 445A.~~146~~163007			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Catfish, rainbow trout and brown trout.										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-Apr. : ≤13°C May-June : ≤17°C Jul.-Oct. : ≤23°C ΔT : ≤2°C			*	X							
pH Units	7.5 - 8.4 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤.85 S.V. : ≤1.2	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Apr. : ≥6.0 May-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	— —	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~154~~163008 Carson River at Mexican Ditch Gage. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Carson River

~~**Control Point at Mexican Ditch Gage.**~~ The limits of this table apply from ~~**Mexican Ditch Gage to Highway 395, at Cradlebaugh Bridge.**~~ **Highway 395, at Cradlebaugh Bridge to Mexican Ditch Gage**.

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 for NAC 445A.~~146~~163008			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			rainbow trout and brown trout.										
Temperature °C-Maximum ΔT[b]	 ΔT = 0°C	Nov.-Apr. : ≤13°C May-June : ≤17°C Jul.-Oct. : ≤23°C ΔT : ≤2°C			*	X							
pH Units	7.4 - 8.5 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤0.8 S.V. : ≤1.3	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-Apr. : ≥6.0 May-Oct. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤110 S.V. : ≤295	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~Control Point near New Empire.~~ The Limits of this table apply from ~~New Empire to the Mexican Gage.~~ **Mexican Ditch Gage to New Empire**.

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 for NAC 445A.~~146~~163009			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Smallmouth bass, rainbow trout and brown trout.										
Temperature °C-Maximum ΔT[b]	 $\Delta T = 0°C$	Nov.-May : ≤18°C Jun.-Oct. : ≤23°C ΔT : ≤2°C			*	X							
pH Units	7.4 - 8.4 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤1.3 S.V. : ≤1.7	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	— —	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~Control Point at Dayton Bridge.~~ The limits of this table apply from ~~Dayton Bridge to New Empire.~~ **New Empire to the Dayton Bridge.**

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 for NAC 445A.~~146~~163010			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Walleye, channel catfish and white bass										
Temperature °C-Maximum ΔT[b]	 $\Delta T = 0°C$	Nov.-Mar. : ≤11°C Apr.-Jun. : ≤24°C Jul.-Oct. : ≤28°C ΔT : ≤2°C			*	X							
pH Units	7.5 - 8.6 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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 Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - mg/l	A-Avg. : ≤10 S.V. : ≤18	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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤50 S.V. : ≤280	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~Control Point at Weeks (Ft. Churchill).~~ The limits of this table apply from ~~the U.S. Highway 95 Bridge at Weeks to the Dayton Bridge.~~ **the Dayton Bridge to the U.S. Highway 95 bridge at Weeks**.

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 for NAC 445A.~~146~~163011			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Walleye, channel catfish and white bass										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-Mar. : ≤11°C Apr.-Jun. : ≤24°C Jul.-Oct. : ≤28°C ΔT : ≤2°C			*	X							
pH Units	7.5 - 8.5 —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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 Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : ≥5.0	X		*	X	X	X		X			
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				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤90 S.V. : ≤240	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Carson River

~~Control Point at Lahontan Dam.~~ The limits of this table apply ~~from Lahontan Dam to the U.S. Highway 95 Bridge at Weeks.~~ **to the Carson River from the U.S. Highway 95 bridge at Weeks to Lahontan Dam.**

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 for NAC 445A.~~146~~163012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Walleye, channel catfish and white bass										
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-Mar. : ≤11°C Apr.-Jun. : ≤24°C Jul.-Oct. : ≤28°C ΔT : ≤2°C			*	X							
pH Units	— —	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	— —	S.V. : ≤0.06			*	*	X	X					
Nitrogen Species (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 Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : ≥5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU	A-Avg. : ≤15 S.V. : ≤27	S.V. : ≤50			*			X					
Color - PCU	[d]	S.V. : ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤175 S.V. : ≤225	A-Avg. : ≤500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤9 S.V. : ≤15	S.V. : ≤250	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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤25 S.V. : ≤75	≤200/400[e]	X			*	X	X		X			
E coli - No./100 ml AGM Single Value	 — —	 ≤126 ≤235				*	X						

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

[a] Refer to NAC 445A.122 and 445A.162 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~163013 Lower Carson River: From Lahontan Reservoir to Carson Sink (the natural channel).

STANDARDS OF WATER QUALITY
Lower Carson River

The limits of this table apply from Lahontan Dam to where the Carson River enters Stillwater Marsh.

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 for NAC 445A.~~126~~163013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~163014 Daggett Creek: From its origin to the Carson River.

STANDARDS OF WATER QUALITY
Daggett Creek

The limits of this table apply from its origin to the Carson River.

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 for NAC 445A.~~124~~163014			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~163015 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.

STANDARDS OF WATER QUALITY
Genoa Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~163015			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~163016 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.

STANDARDS OF WATER QUALITY
Sierra Canyon Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~163016			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~163017 Clear Creek: From its origin to gaging station number 10-3105 located in NE 1/4 NE 1/4, section 1, T. 14 N., R. 19E, M.D.B. & M.

STANDARDS OF WATER QUALITY
Clear Creek

The limits of this table apply from its origin to gaging station number 10-3105 located in NE 1/4 NE 1/4, section 1, T. 14 N., R. 19E, M.D.B. & M.

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 for NAC 445A.~~124~~163017			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~163018 Clear Creek: From gaging station number 10-3105 located in the NE 1/4 NW 1/4, section 1, T. 14 N., R. 19 E., M.D.B. & M. to the Carson River.

STANDARDS OF WATER QUALITY
Clear Creek

The limits of this table apply from gaging station number 10-3105 located in the NE 1/4 NW 1/4, section 1, T. 14 N., R. 19 E., M.D.B. & M. to the Carson River.

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 for NAC 445A.~~125~~163018			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~163019 Kings Canyon: From its origin to the point of the diversion of the Carson City water department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Kings Canyon

The limits of this table apply from its origin to the point of the diversion of the Carson City water department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.

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 for NAC 445A.~~124~~163019			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~163020 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.

STANDARDS OF WATER QUALITY
Ash Canyon

The limits of this table apply 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.

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 for NAC 445A.~~124~~163020			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~163021 V-Line Canal: From the Carson diversion dam to its division into the S & L Canals.

STANDARDS OF WATER QUALITY
V-Line Canal

The limits of this table apply from the Carson diversion dam to its division into the S & L Canals.

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 for NAC 445A.~~126~~163021			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~163022 Rattlesnake Reservoir: Also known as S-Line Reservoir, the entire reservoir.

STANDARDS OF WATER QUALITY
Rattlesnake Reservoir

The limits of this table apply to the entire reservoir. Also known as S-Line 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 for NAC 445A.~~126~~163022			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~**The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.**~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~**The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.**~~

NAC 445A.~~126~~163023 Indian Lakes: All the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.

STANDARDS OF WATER QUALITY
Indian Lakes

The limits of this table apply to all the lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake.

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 for NAC 445A.~~126~~163023			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~**The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.**~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

[3] ~~**The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.**~~

NAC 445A.~~126~~163024 Diagonal Drain: From Lahontan Reservoir to Carson Sink (the natural channel).

STANDARDS OF WATER QUALITY
Diagonal Drain

The limits of this table apply to its entire length.

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 for NAC 445A.~~126~~163024			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~**The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.**~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~**The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.**~~

NAC 445A.~~126~~163025 South Carson Lake: Also known as Government Pasture or the Greenhead Gun Club, the entire lake.

STANDARDS OF WATER QUALITY
South Carson Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~126~~163025			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~163026 Harmon Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Harmon Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~163026			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~163027 Stillwater Marsh: All that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.

STANDARDS OF WATER QUALITY
Stillwater Marsh

The limits of this table apply to all that area of Stillwater Marsh east of Westside Road and north of the community of Stillwater.

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 for NAC 445A.~~126~~163027			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.162 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~127~~163028 **Stillwater Marsh**: All that area of Stillwater Marsh not designated as ~~class C~~ **NAC 445A.163027**.

STANDARDS OF WATER QUALITY
Stillwater Marsh

The limits of this table apply to all that area of Stillwater Marsh not designated as ~~class C.~~ **NAC 445A.163027.**

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 for NAC 445A.~~127~~163028				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.162 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.164 Beneficial uses for the Walker Region. The Beneficial uses for the Walker Region are prescribed in NAC445A.164. The standards for water quality for the Walker Region are prescribed in NAC 445A.165001 to 445A.165019, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Walker Region													
West Walker River at the state line	The West Walker River at the state line	X	X	X	X	X	X	X	X				mountain whitefish, rainbow trout and brown trout	445A.165001
Topaz Lake	At various points in Topaz Lake	X	X	X	X	X	X	X	X				rainbow trout, cutthroat trout, brown trout, kokone salmon and silver salmon	445A.165002
West Walker River near Wellington	The West Walker River from the state line downstream to the West Walker River near Wellington	X	X	X	X	X	X	X	X				mountain whitefish, rainbow trout and brown trout	445A.165003
West Walker River above confluence with East Walker River at Nordyke Road	The West Walker River near Wellington downstream to the confluence with East Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				brown trout and rainbow trout	445A.165004
Sweetwater Creek	Sweetwater Creek from the state line to its confluence with the East Walker River	X	X	X	X	X	X	X	X				mountain whitefish, brown trout, brook trout and rainbow trout	445A.165005
East Walker River at the state line	The East Walker River at the state line	X	X	X	X	X	X	X	X				mountain whitefish, rainbow trout and brown trout	445A.165006
East Walker River at Bridge B-1475	The East Walker River from the state line to Bridge B-1475.	X	X	X	X	X	X	X	X				mountain whitefish, rainbow trout and brown trout	445A.165007
East Walker River South of Yerington	The East Walker River from Bridge B-1475 downstream to its confluence with the West Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				brown trout and rainbow trout	445A.165008
Walker River at Inlet to Weber Reservoir	The Walker River from the confluence of the East and West Walker Rivers downstream to the inlet to Weber Reservoir	X	X	X	X	X	X	X	X				channel catfish and largemouth bass	445A.165009
Walker River at Schurz Bridge	The Walker River from Webber Reservoir downstream to the inlet to Walker Lake.	X	X	X	X	X	X	X	X				channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout;	445A.165010

Desert Creek	From the state line to its confluence with the West Walker River.	X	X	X	X	X	X	X	X				Brown trout, brook trout and rainbow trout	445A.165011
Walker Lake	The entire lake			X	X	X			X				Tui Chub, Tahoe Sucker, and adult and juvenile cutthroat trout	445A.165012
Mason Valley Management Area	Hinkson Slough, Bass Pond, Crappie Pond and North Pond	X	X	X	X	X	X	X	X				Trout	445A.165013
Mason Valley Management Area	All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond	X	X	X	X	X	X	X	X					445A.165014
Weber Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.165015
Cottonwood Creek	From its origin to the point of diversion of the town of Hawthorne	X	X	X	X	X	X	X	X					445A.165016
Squaw Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	X	X	X	X	X	X	X	X					445A.165017
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	X	X	X	X	X	X	X	X					445A.165018
Corey Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot	X	X	X	X	X	X	X	X					445A.165019

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

NAC 445A.165 Water Quality Standards for the Walker Region. The standards for water quality for the Walker Region are prescribed in NAC 445A.1650001 to 445A.165019, inclusive. The Beneficial uses for the Walker Region are prescribed in NAC445A.164.

NAC 445A.~~160~~165001 West Walker River at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
West Walker River

~~**Control Point at the West Walker River at the state line.**~~ The limits of this table apply only to the West Walker River at the state line.

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 for NAC 445A.~~159~~165001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Mountain whitefish, rainbow trout and brown trout										
Temperature °C-Maximum ΔT[b]	July - Oct.: ≤ 22°C Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0. 03	A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.6 S.V. : ≤ 0.9	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 60 —	S.V. : ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU	S.V. : ≤ 26	S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 165 S.V. : ≤ 220	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 15.0 S.V. : ≤ 20.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. : ≤ 25.0	S.V. : ≤ 250						*					
Sodium - SAR	A-Avg. : ≤ 0.5 S.V. : ≤ 0.6	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~161~~165002 Topaz Lake. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Topaz Lake

~~**Control Point at Topaz Lake.**~~ The limits of this table apply at various points in Topaz Lake.

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 for NAC 445A.~~159~~165002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Rainbow trout, cutthroat trout, brown trout, kokone salmon and silver salmon										
Temperature °C-Maximum ΔT^b	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.05 S.V. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.6 S.V. : ≤ 1.0	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. : ≤ 0.6 S.V. : ≤ 9.0	S.V. : ≤ 25			*								
Turbidity - NTU	A-Avg. : ≤ 3.0 S.V. : ≤ 5.0	[d]			*			X					
Color - PCU	S.V. : ≤ 21	S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 105 S.V. : ≤ 120	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 7.0 S.V. : ≤ 10.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. : ≤ 25.0	S.V. : ≤ 250						*					
Sodium - SAR	A-Avg. : ≤ 0.5 S.V. : ≤ 0.6	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 235				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

STANDARDS OF WATER QUALITY
West Walker River

~~**Control Point at the West Walker River near Wellington.**~~ The limits of this table apply from the West Walker River ~~**near Wellington to the West Walker River at the state line.**~~ **from the state line downstream to the West Walker River near Wellington**

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 for NAC 445A.~~159~~1650003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Mountain whitefish, rainbow trout and brown trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0.07 S.V. : ≤ 0.10	A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.6 S.V. : ≤ 1.0	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 175 S.V. : ≤ 260	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 16.0 S.V. : ≤ 30.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. : ≤ 250						*					
Sodium – SAR		A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~163~~165004 West Walker River above confluence with East Walker River at Nordyke Road. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
West Walker River

~~**Control Point at the West Walker River above the confluence with the East Walker River at Nordyke Road.**~~ The limits of this table apply to the West Walker River ~~**above its confluence with the East Walker River to the control point mentioned in NAC 445A.162 (near Wellington).**~~ **near Wellington downstream to the confluence with East Walker River near Nordyke Road.**

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 for NAC 445A.~~159~~165004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Brown trout and rainbow trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	S.V. : ≤ 0.15	A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 1.0 S.V. : ≤ 1.2	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU	S.V. : ≤ 46	S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 330 S.V. : ≤ 425	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 22.0 S.V. : ≤ 28.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. : ≤ 74.0	S.V. : ≤ 250						*					
Sodium – SAR		A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~164~~165005 Sweetwater Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Sweetwater Creek

~~**Control Point at Sweetwater Creek.**~~ The limits of this table apply to Sweetwater Creek from ~~**its confluence with the East Walker River to the state line.**~~ **the state line to its confluence with the East Walker River.**

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 for NAC 445A.~~159~~165005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Mountain whitefish, brown trout, brook trout and rainbow trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.25 S.V. : ≤ 0.45	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. : ≤ 45	S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 220 S.V. : ≤ 300	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 5.0 S.V. : ≤ 7.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. : ≤ 250						*					
Sodium – SAR		A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~165~~165006 East Walker River at the state line. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
East Walker River

~~**Control Point at the East Walker River at the state line.**~~ The limits of this table apply ~~**only to the East Walker River at the state line.**~~ **to the East Walker River at the state line**

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 for NAC 445A.~~159~~165006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Mountain whitefish, rainbow trout and brown trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.8 S.V. : ≤ 1.4	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. : ≤ 30	S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 175 S.V. : ≤ 210	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 5.0 S.V. : ≤ 7.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. : ≤ 26	S.V. : ≤ 250						*					
Sodium – SAR	A-Avg. : ≤ 2	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~1655~~165007 East Walker River at Bridge B-1475. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
East Walker River at Bridge B-1475

~~**Control Point at the East Walker River at Bridge B-1475.**~~ The limits of this table apply ~~**only from the East Walker River at Bridge B-1475 to the East Walker River at the state line.**~~ **to the East Walker River from the state line to Bridge B-1475.**

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 for NAC 445A.~~159~~165007			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Mountain whitefish, rainbow trout and brown trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.9 S.V. : ≤ 1.7	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 320 S.V. : ≤ 390	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 13.0 S.V. : ≤ 19.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. : ≤ 250						*					
Sodium – SAR		A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

STANDARDS OF WATER QUALITY
East Walker River

~~Control Point at the East Walker River South of Yerington above the confluence with the West Walker River (Nordyke Road).~~ The limits of this table apply to the East Walker River ~~South of Yerington above its confluence with the West Walker River to the East Walker River at Bridge B-1475.~~ **from Bridge B-1475 downstream to its confluence with the West Walker River near Nordyke Road.**

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 for NAC 445A.~~159~~165008			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Brown trout and rainbow trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.16 S.V. : ≤ 0.39			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.9 S.V. : ≤ 1.7	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 320 S.V. : ≤ 390	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 13.0 S.V. : ≤ 19.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. : ≤ 44.0	S.V. : ≤ 250						*					
Sodium – SAR		A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~167~~165009 Walker River at inlet to Weber Reservoir. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Walker River

~~**Control Point at the Walker River at the inlet to Weber Reservoir.**~~ The limits of this table apply to the ~~**Walker River from the inlet to Weber Reservoir to the confluence of the West Walker River and the East Walker River.**~~ **Walker River from the confluence of the East and West Walker Rivers downstream to the inlet to Weber 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 for NAC 445A.~~159~~165009			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Channel catfish and largemouth bass										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 23°C[c] July - Oct.: ≤ 28°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.26 S.V. : ≤ 0.40			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 1.2 S.V. : ≤ 1.5	Nitrate : ≤ 10.0 S.V. : ≤ 1.0[d] Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[e]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[f]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 400 S.V. : ≤ 450	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 30.0 S.V. : ≤ 35.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. : ≤ 95.0 S.V. : ≤ 110.0	S.V. : ≤ 250						*					
Sodium – SAR	S.V. : ≤ 3	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.164 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 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.

NAC 445A.~~168~~165010 Walker River at Schurz Bridge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Walker River

~~**Control Point at Schurz Bridge.**~~ The limits of this table apply ~~**from the inlet to Walker Lake to Weber Reservoir.**~~ **to the Walker River from Webber Reservoir downstream to the inlet to Walker Lake.**

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 for NAC 445A.~~159~~165010			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-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 23°C[c] July - Oct.: ≤ 28°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤ 0.17 S.V. : ≤ 0.23			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 1.2 S.V. : ≤ 1.5	Nitrate : ≤ 10.0 S.V. : ≤ 1.0[d] Nitrite S.V. Ammonia (un-ionized) : ≤ 0.06	X		*	X	X	*		X			
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	S.V. : ≤ 60	S.V. : ≤ 80			*								
Turbidity – NTU		[e]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 390 S.V. : ≤ 570	A-Avg. : ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. : ≤ 23.0 S.V. : ≤ 34.0	S.V. : ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. : ≤ 95.0 S.V. : ≤ 110.0	S.V. : ≤ 250						*					
Sodium – SAR	S.V. : ≤ 3	A-Avg. : ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~169~~165011 Desert Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Desert Creek

~~**Control Point at Desert Creek.**~~ The limits of this table apply ~~**to Desert Creek from its confluence with the West Walker River to the state line**~~. **from the state line to its confluence with the West Walker River.**

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 for NAC 445A.~~159~~165011			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Brown trout, brook trout and rainbow trout										
Temperature °C-Maximum ΔT[b]	Δ T: ≤ 0°C	Nov.-Apr: ≤ 13°C May - June: ≤ 17°C July - Oct.: ≤ 23°C Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	S.V. : ≤ 0.13	A-Avg. : ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. : ≤ 0.20 S.V. : ≤ 0.27	Nitrate : ≤ 10.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 80			*								
Turbidity – NTU		[d]			*			X					
Color – PCU		S.V. : ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤ 110 S.V. : ≤ 130	A-Avg. : ≤ 500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.164 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.

NAC 445A.~~1696~~165012 Walker Lake (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Walker Lake

~~**Control Point at Walker Lake.**~~ The limits of this table apply to Walker Lake.

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 for NAC 445A.~~1693~~165012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout.										
Temperature °C-Maximum ΔT^b		Δ T: ≤ 2°C			*	X							
pH Units		S.V. : 6.5 - 9.7	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		S.V. : ≤ 0.82			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Inorganic Nitrogen S.V. : ≤ 0.3	Nitrate : ≤ 90.0 S.V. : ≤ 0.06 Nitrite S.V.	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : ≥ 5.0[d]	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤ 25			*								
E coli - No./100 ml AGM Single Value	— —	≤ 126 ≤ 410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.164 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] When lake is stratified, the dissolved oxygen applies only to the epilimnion.

NAC 445A.~~126~~165013 **Mason Valley Wildlife Management Area: Hinkson Slough, Bass Pond, Crappie Pond and North Pond**

STANDARDS OF WATER QUALITY
Mason Valley Wildlife Management Area

The limits of this table apply to Hinkson Slough, Bass Pond, Crappie Pond and North Pond

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 for NAC 445A.~~126~~165013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~**The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.**~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] **The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.**~~

NAC 445A.~~126~~165014 Mason Valley Wildlife Management Area: All surface water impoundments except Hinkson Slough, Bass Pond, Crappie Pond and North Pond

STANDARDS OF WATER QUALITY
Mason Valley Wildlife Management Area

The limits of this table apply to all surface water impoundments EXCEPT Hinkson Slough, Bass Pond, Crappie Pond and North Pond

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 for NAC 445A.~~126~~165014			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

STANDARDS OF WATER QUALITY
Weber Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~1650015			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Dissolved Solids - mg/l		SV. ≤ 500 or one-third above that characteristic of natural conditions (whichever is less).	X	X				*					
Fecal Coliform-No./100 ml		[c]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.

[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.

NAC 445A.~~124~~165016 Cottonwood Creek: From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot.

STANDARDS OF WATER QUALITY
Cottonwood Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~165016			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~165017 Squaw Creek: From its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot.

STANDARDS OF WATER QUALITY
Squaw Creek

The limits of this table apply from its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M.

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 for NAC 445A.~~124~~165017			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~165018 Rose Creek: From its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot.

STANDARDS OF WATER QUALITY
Rose Creek

The limits of this table apply from its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M.

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 for NAC 445A.~~124~~165018			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~165019 Corey Creek: **From its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot**.

STANDARDS OF WATER QUALITY
Corey Creek

The limits of this table apply from its origin to the point of diversion of the town of the Hawthorne Naval Ammunition Depot near the north line of section 3, T. 7 N., R. 29 E., M.D.B. & M.

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 for NAC 445A.~~124~~165019			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.164 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.166 Beneficial uses for the Central Region. The Beneficial uses for the Central Region are prescribed in NAC445A.166. The standards for water quality for the Central Region are prescribed in NAC 445A.167001 to 445A.167046, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Central Region													
Chiatovich Creek	Above the Highway Maintenance station.	X	X	X	X	X	X	X	X					445A.167001
Indian Creek	Above the center of section 9, T. 2 S., R 34 E.	X	X	X	X	X	X	X	X					445A.167002
Leidy Creek	Above the hydroelectric plant.	X	X	X	X	X	X	X	X					445A.167003
Fish Lake	The entire lake.	X	X	X	X	X	X	X	X					445A.167004
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					445A.167005
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.167006
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					445A.167007
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167008
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					445A.167009
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					445A.167010
Kingston Creek	From its origin to Groves Reservoir.	X	X	X	X	X	X		X					445A.167011
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	445A.167012
Kingston Creek	Below Groves Lake.	X	X	X	X	X	X	X	X				Trout	445A.167013
Birch Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167014
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.	X	X	X	X	X	X	X	X				Trout	445A.167015
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					445A.167016
Steiner Creek.	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R 46E, M.D.B. & M	X	X	X	X	X	X		X					445A.167017
Pine Creek (Nye County)	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167018
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					445A.167019
Mosquito Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167020
Stoneberger Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167021

Roberts Creek	From its origin to Roberts Creek Reservoir.	X	X	X	X	X	X		X					445A.167022
Roberts Creek	Below Roberts Creek Reservoir.	X	X	X	X	X	X	X	X					445A.167023
Fish Spring Pond	The entire pond.	X	X	X	X	X	X	X	X				Trout	445A.167024
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.167025
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X				Trout	445A.167026
Angel Lake	The entire lake. .	X	X	X	X	X	X		X					445A.167027
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X					445A.167028
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					445A.167029
Gleason Creek	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X					445A.167030
Gleason Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	X	X	X		X		X	X					445A.167031
Murray Creek	From its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.	X	X	X		X		X	X					445A.167032
Comins Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.167033
North Creek	From its origin to 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					445A.167034
East Creek	From its origin to pipeline intake, near the national forest boundary	X	X	X	X	X	X		X					445A.167035
Bird Creek	From its origin to pipeline intake near bird creek campground.	X	X	X	X	X	X		X					445A.167036
Timber Creek	From its origin to pipeline intake, near the west line section 27, T. 18 N., R. 65 E, M.D.B. & M.	X	X	X	X	X	X		X					445A.167037
Berry Creek	From its origin to pipeline intake near the national forest boundary.	X	X	X	X	X	X		X					445A.167038
Duck Creek	From its origin to pipeline intake, near the center of section of section 24, T. 18 N., R. 64 E, M.D.B. & M.	X	X	X	X	X	X		X					445A.167039
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167040
Cave Creek	Its entire length.	X	X	X	X	X	X		X					445A.167041
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	445A.167042
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					445A.167043
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					445A.167044
Current Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.167045
Current Creek	From the National Forest Boundary to Current.	X	X	X	X	X	X	X	X					445A.167046
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

NAC 445A.167 Water Quality Standards for the Central Region. The standards for water quality for the Central Region are prescribed in NAC 445A.167001 to 445A.167046, inclusive. The beneficial uses for the Central Region are prescribed in NAC445A.166.

NAC 445A.~~171~~167001 Chiatovich Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Chiatovich Creek

~~**Control Point above highway maintenance station.**~~ The limits of this table apply above the highway maintenance station.

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 for NAC 445A.~~170~~167001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b	$\Delta T = 0°C$	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C			*	X							
pH Units	—	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.04 S.V. : ≤.06	A-Avg. : ≤0.1 —			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen : ≤.6 A-Avg. : ≤.8 S.V.	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. : ≤25			*								
Turbidity - NTU	—	S.V. : ≤10			*			X					
Color - PCU	—	[d]						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤50 S.V. : ≤60	A-Avg. : ≤500 —	X	X				*					
Chlorides - 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	—	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤100 S.V. : ≤200	≤200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410				*	X						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.166 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Indian Creek

~~**Control Point near center of Section 9, T.2 S., R.34 E.**~~ The limits of this table apply above the center of Section 9, T.2 S., R. 34 E.

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 for NAC 445A.~~170~~167002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	ΔT = 0°C	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C			*	X							
pH Units	—	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	S.V. : ≤ 0.13	A-Avg. : ≤0.1 —			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate S.V. : ≤ 0.45	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. : ≤25			*								
Turbidity - NTU	—	S.V. : ≤10			*			X					
Color - PCU	—	[d]						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤225 S.V. : ≤300	A-Avg. : ≤500 —	X	X				*					
Chlorides - 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	—	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤100 S.V. : ≤200	≤200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.166 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Leidy Creek

~~**Control Point at hydroelectric plant.**~~ The limits of this table apply above the hydroelectric plant.

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 for NAC 445A.~~170~~167003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	ΔT = 0°C	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C			*	X							
pH Units	—	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.013 S.V. : ≤.03	A-Avg. : ≤0.1 —			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate A-Avg. : ≤ 0.18 S.V. : ≤ 0.22	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥6.0 Jun.-Oct. : ≥5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. : ≤25			*								
Turbidity - NTU	—	S.V. : ≤10			*			X					
Color - PCU	—	[d]						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤135 S.V. : ≤150	A-Avg. : ≤500 —	X	X				*					
Chlorides - 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	—	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤100 S.V. : ≤200	≤200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	— —	≤126 ≤410				*	X						

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

[a] Refer to NAC 445A.122 and 445A.166 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~167004 Fish Lake: The entire lake.

STANDARDS OF WATER QUALITY
Fish Lake

The limits of this table apply to the entire lake

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 for NAC 445A.~~126~~167004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		d	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~167005 Star Creek: From its origin to the first point of diversion.

STANDARDS OF WATER QUALITY
Star Creek

The limits of this table apply from its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E, M.D.B. & M.

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 for NAC 445A.~~124~~167005			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Willow Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~167006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Peavine Creek

The limits of this table apply from its origin to the first point of diversion, near the national forest boundary.

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 for NAC 445A.~~124~~167007			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167008 Jett Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Jett Creek

The limits of this table apply from its origin to the national forest boundary

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 for NAC 445A.~~124~~167008			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167009 Twin River, South Fork: From its origin to the first point of diversion, near the national forest boundary.

STANDARDS OF WATER QUALITY
Twin River, South Fork

The limits of this table apply from its origin to the first point of diversion, near the national forest boundary

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 for NAC 445A.~~124~~167009			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167010 Twin River, North Fork: From its origin to the first point of diversion, near the national forest boundary.

STANDARDS OF WATER QUALITY
Twin River, North Fork

The limits of this table apply from its origin to the first point of diversion, near the national forest boundary

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 for NAC 445A.~~124~~167010			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Kingston Creek

The limits of this table apply from its origin to Groves 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 for NAC 445A.~~124~~167011			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167012 Groves Lake: The entire lake.

STANDARDS OF WATER QUALITY
Groves Lake

The limits of this table apply to the entire lake

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 for NAC 445A.~~125~~167012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167013 Kingston Creek: Below Groves Lake.

STANDARDS OF WATER QUALITY
Kingston Creek

The limits of this table apply below Groves Lake

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 for NAC 445A.~~125~~167013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Birch Creek

The limits of this table apply from its origin to the national forest boundary

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 for NAC 445A.~~124~~167014			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167015 **Birch Creek: From the national forest boundary to the first diversion dam .**

STANDARDS OF WATER QUALITY

Birch Creek

The limits of this table apply 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.

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 for NAC 445A.~~125~~167015			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform- No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial Use

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167016 Skull Creek: From its origin to the first point of diversion.

STANDARDS OF WATER QUALITY
Skull Creek

The limits of this table apply from its origin to the first point of diversion, near the east line of T. 21 N., R 45 E, M.D.B. & M.

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 for NAC 445A.~~124~~167016			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Steiner Creek

The limits of this table apply from its origin to the first point of diversion, near the north line of section 34, T. 21 N., R 46E, M.D.B. & M

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 for NAC 445A.~~124~~167017			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Pine Creek **(Nye County)**

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~167018			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167019 **Barley Creek: From its origin to the first point of diversion.**

STANDARDS OF WATER QUALITY
Barley Creek

The limits of this table apply from its origin to the first point of diversion, near the national forest boundary.

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 for NAC 445A.~~124~~167019			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167020 Mosquito Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Mosquito Creek

The limits of this table apply to Mosquito Creek from its origin to the national forest boundary.

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 for NAC 445A.~~124~~167020			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~1671021 Stoneberger Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Stoneberger Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~167021			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Roberts Creek

The limits of this table apply from its origin to Roberts Creek 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 for NAC 445A.~~124~~167022			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Roberts Creek

The limits of this table apply below Roberts Creek 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 for NAC 445A.~~125~~167023			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167024 Fish Spring Pond: The entire pond.

STANDARDS OF WATER QUALITY
Fish Spring Pond

The limits of this table apply to the entire pond.

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 for NAC 445A.~~125~~167024			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~1671025 Illipah Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Illipah Reservoir

The limits of this table apply to Illipah Reservoir, the entire 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 for NAC 445A.~~125~~167025			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167026 Ruby Marsh: The entire area.

STANDARDS OF WATER QUALITY
Ruby Marsh

The limits of this table apply to Ruby Marsh, the entire area.

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 for NAC 445A.~~125~~167026			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167027 Angel Lake: The entire lake.

STANDARDS OF WATER QUALITY
Angel Lake

The limits of this table apply to Angle Lake, the entire lake.

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 for NAC 445A.~~124~~167027			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤298**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167028 Pole Canyon Creek: From its origin to where it becomes Franklin River.

STANDARDS OF WATER QUALITY
Pole Canyon Creek

The limits of this table apply from its origin to where it becomes Franklin River

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 for NAC 445A.~~124~~167028			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167029 **Goshute Creek: From its origin to the first point of diversion.**

STANDARDS OF WATER QUALITY

Goshute Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~167029			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial Use

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~167030 Gleason Creek: From its origin to State Highway 485 (old State Highway 44).

STANDARDS OF WATER QUALITY
Gleason Creek

The limits of this table apply from its origin to State Highway 485 (old State Highway 44)

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 for NAC 445A.~~126~~167030			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~127~~167031 Gleason Creek: From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.

STANDARDS OF WATER QUALITY
Gleason Creek

The limits of this table apply from State Highway 485 (old State Highway 44) to its confluence with Murray Creek.

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 for NAC 445A.~~127~~167031				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.166 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.~~127~~1671032 Murray Creek: From its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.

STANDARDS OF WATER QUALITY
Murray Creek

The limits of this table apply from its confluence with Gleason Creek to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.

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 for NAC 445A.~~127~~167032				X	X	X	X	X	X	X	X			
Aquatic Life Species of concern														
pH Units		S.V.	6.5 - 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		**AGM**	**≤ 630**					**X**						

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.166 for beneficial use terminology.
[b] The ambient water quality criteria for ammonia are specified in NAC 445A.118.

NAC 445A.~~126~~1671033 Comins Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Comins Reservoir

The limits of this table apply to Comins Reservoir, the entire 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 for NAC 445A.~~126~~167033			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~167034 North Creek: From its origin to the pipeline intake

STANDARDS OF WATER QUALITY
North Creek

The limits of this table apply fron its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D. B. & M.

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 for NAC 445A.~~124~~167034			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167035 East Creek: From its origin to pipeline intake, near the national forest boundary.

STANDARDS OF WATER QUALITY
East Creek

The limits of this table apply from its origin to pipeline intake, near the national forest boundary.

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 for NAC 445A.~~124~~167035			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167036 Bird Creek: From its origin to pipeline intake near Bird Creek campground.

STANDARDS OF WATER QUALITY
Bird Creek

The limits of this table apply from its origin to pipeline intake near Bird Creek campground.

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 for NAC 445A.~~124~~167036			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Timber Creek

The limits of this table apply from its origin to pipeline intake, near the west line section 27, T. 18 N., R. 65 E, M.D.B. & M.

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 for NAC 445A.~~124~~167037			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167038 Berry Creek: From its origin to pipeline intake near the national forest boundary.

STANDARDS OF WATER QUALITY
Berry Creek

The limits of this table apply from its origin to pipeline intake near the national forest boundary.

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 for NAC 445A.~~124~~167038			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Duck Creek

The limits of this table apply from its origin to pipeline intake, near the center of section of section 24, T. 18 N., R. 64 E, M.D.B. & M.

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 for NAC 445A.~~124~~167039			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167040 Cleve Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Cleve Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~167040			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167041 Cave Creek: Its entire length.

STANDARDS OF WATER QUALITY
Cave Creek

The limits of this table apply to its entire length

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 for NAC 445A.~~124~~167041			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167042 Cave Lake: The entire lake.

STANDARDS OF WATER QUALITY
Cave Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~125~~167042			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤235**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167043 Pine Creek: From its origin to the first point of diversion.

STANDARDS OF WATER QUALITY
Pine Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~167043			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Ridge Creek

The limits of this table apply 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.

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 for NAC 445A.~~124~~167044			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~167045 Current Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Current Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~167045			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~167046 Current Creek: From the National Forest Boundary to Current.

STANDARDS OF WATER QUALITY
Current Creek

The limits of this table apply from the National Forest Boundary to Current.

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 for NAC 445A.~~125~~167046			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.166 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.168 Beneficial uses for the Great Salt Lake Region. The Beneficial uses for the Great Salt Lake Region are prescribed in NAC445A.168. The standards for water quality for the Great Salt Lake Region are prescribed in NAC 445A.169001 to 445A.169007, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Great Salt Lake Region													
Snake Creek	~~**Control Point above fish hatchery. The limits of this table apply a**~~ **A**bove the fish hatchery.													445A.169001
Snake Creek	~~**From control point**~~ **From** above fish hatchery to the Nevada-Utah state line.	X	X	X	X	X	X	X	X				Trout	445A.169002
Baker Creek	From its origin to the national forest boundary	X	X	X	X	X	X		X					445A.169003
Lehman Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.169004
Silver Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.169005
Silver Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.169006
Hendry's Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.169007
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													

NAC 445A.169 Water Quality Standards for the Great Salt Lake Region. The standards for water quality for the Great Salt Lake Region are prescribed in NAC 445A.169001 to 445A.169007, inclusive. The Beneficial uses for the Great Salt Lake Region are prescribed in NAC445A.168.

NAC 445A.~~179~~169001 Snake Creek. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Snake Creek

~~**Control Point above fish hatchery.**~~ The limits of this table apply above the fish hatchery.

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 for NAC 445A.~~170~~169001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b	 $\Delta T = 0°C$	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C ΔT ≤2°C			*	X							
pH Units	—	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤.05 S.V. : ≤.08	A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate A-Avg. : ≤.22 S.V. : ≤.44	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	—	[c]			*								
Dissolved Oxygen - mg/l	— —	S.V. : Nov.-May : ≥5.0 Jun.-Oct. : ≥6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	—	S.V. : ≤25			*								
Turbidity - NTU	—	S.V. : ≤10			*			X					
Color - PCU	—	[d]						*					
Total Dissolved Solids - mg/l	A-Avg. : ≤100 S.V. : ≤125	A-Avg. : ≤500	X	X				*					
Chlorides - 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	— —	less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤100 S.V. : ≤200	≤200/400[e]	X	X		*	X	X		X			
E coli - No./100 ml A.G.M. Single Value	 — —	 ≤126 ≤410					*	X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.168 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] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~169002 Snake Creek: From control point above fish hatchery to the Nevada-Utah state line.

STANDARDS OF WATER QUALITY
Snake Creek

~~From control point~~ **The limits of this table apply** above fish hatchery to the Nevada-Utah state line.

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 for NAC 445A.~~126~~169002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~169003 Baker Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Baker Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~169003			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform- No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~169004 Lehman Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Lehman Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~169004			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~124~~169005 Silver Creek: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
Silver Creek

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~169005			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~169006 Silver Creek Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Silver Creek Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~169006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Hendry's Creek

The limits of this table apply to Hendry's Creek from its origin to the national forest boundary

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 for NAC 445A.~~124~~169007			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.168 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.170 Beneficial uses for the Escalante Desert Region. The Beneficial uses for the Escalante Desert Region would be prescribed in NAC445A.170. The standards for water quality for the Escalante Desert Region would be prescribed in NAC 445A.171. The beneficial uses for this area are:

There are no designated waters in the Escalante Desert Region.

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

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
*	When adequate flows exists

NAC 445A.171 Water Quality Standards for the Escalante Desert Region. The standards for water quality for the Escalante Desert Region would be prescribed in NAC 445A.171. The Beneficial uses for the Escalante Desert Region would be prescribed in NAC445A.170.

There are no designated waters in the Escalante Desert Region.

NAC 445A.172 Beneficial uses for the Colorado Region. The Beneficial uses for the Colorado Region are prescribed in NAC445A.172. The standards for water quality for the Colorado Region are prescribed in NAC 445A.173001 to 445A.173027, inclusive. The beneficial uses for this area are:

Waterbody Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
	Colorado River Region													
Colorado River below Davis Dam	~~**Control Point below Davis Dam. The limits of this table apply from the state line below Davis Dam to the Lake Mohave Inlet.**~~ **The Colorado River From The Lake Mohave inlet downstream to the state line below Davis Dam.**	X	X	X	X	X	X	X	X					445A.173001
Colorado River below Hoover Dam	~~**Control Point below Hover Dam. The limits of this table apply from the Lake Mohave Inlet to Hover Dam.**~~ **The Colorado River from Hover Dam downstream to the inlet to Lake Mohave.**	X	X	X	X	X	X	X	X					445A.173002
Lake Mead	Excluding the area not covered by NAC 445A.196 **(Inner Las Vegas Bay)**	X	X	X	X	X	X	X	X				Warm water fishery	445A.173003
Lake Vegas Bay	Lake Mead from the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay from the Confluence.	X	X	X		X		X	X				without limitation a warm water fishery	445A.173004
Las Vegas Wash	Las Vegas Wash from Telephone Line Road to confluences of discharges from City of Las Vegas and Clark County wastewater treatment plants	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery.	445A.173005
Las Vegas Wash	From confluence of Las Vegas Wash with Lake Mead to Telephone Line Road	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery.	445A.173006
Virgin River at Mesquite	~~**Control Point at Mesquite. The limits of this table apply from Mesquite to the Arizona state line (near Littlefield, Arizona).**~~ **The Virgin River from the state line downstream to Mesquite.**	X	X	X		X		X	X					445A.173007
Virgin River at the state line near Littlefield	~~**Control Point at the state line (near Littlefield, Arizona). The limits of this table apply at the Arizona-Nevada State line (near Littlefield Arizona).**~~ **The Virgin River at the Arizona-Nevada state line (near Littlefield, Arizona).**	X	X	X		X		X	X					445A.173008
Virgin River at Riverside	~~**Control Point at Riverside. The limits of this table apply from the river mouth at Lake Mead to Mesquite**~~. **The Virgin River from Mesquite downstream to the river mouth at Lake Mead.**	X	X	X		X		X	X					445A.173009
Muddy River at Glendale Bridge	~~**Control Point at Glendale Bridge. The limits of this table apply from the Glendale Bridge upstream to the river source**~~. **The Muddy River from**	X	X	X		X	X	X	X					445A.173010

	the river source downstream to Glendale Bridge.													
Muddy River at Overton	~~**Control Point at Overton. The limits of this table apply from the mouth of the river at Lake Mead to the Glendale Bridge**~~. **The Muddy River from the Glendale Bridge downstream to the mouth of the River at Lake Mead.**	X	X	X		X	X		X					445A.173011
Meadow Valley Wash	~~**Control point at confluence with Muddy River. The limits of this table apply from the confluence of the Meadow Valley Wash with the Muddy River to the bridge above Rox**~~. **The Meadow Valley Wash from the Bridge above Rox downstream to the Muddy River.**	X	X	X		X		X	X					445A.173012
Beaver Dam Wash	~~**Control Point above Schroeder Reservoir. The limits of this table apply a**~~**A**bove Schroeder Reservoir	X	X	X		X		X	X					445A.173013
Schroeder Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.173014
White River	From its origin to the national forest boundary.	X	X	X	X	X	X		X					445A.173015
White River	From the national forest boundary to its confluence with Ellison Creek.	X	X	X	X	X	X	X	X				Trout	445A.173016
Dacey Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.173017
Sunnyside Creek	From its origin to the Adams McGill Reservoir.	X	X	X	X	X	X	X	X					445A.173018
Adams McGill Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.173019
Hay Meadow Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.173020
Nesbitt Lake	The entire lake.	X	X	X	X	X	X	X	X					445A.173021
Pahranagat Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.173022
Bowman Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					445A.173023
Eagle Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.173024
Echo Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	445A.173025
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.	X	X	X	X	X	X	X	X				Trout	445A.173026
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	X	X	X	X	X	X	X	X				Trout	445A.173027
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													

NAC 445A.173 Water Quality Standards for the Colorado Region. The standards for water quality for the Colorado Region are prescribed in NAC 445A.173001 to 445A.173027, inclusive. The Beneficial uses for the Colorado Region are prescribed in NAC445A.172.

NAC 445A.~~192~~173001 Colorado River below Davis Dam. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Colorado River

~~**Control Point below Davis Dam.**~~ The limits of this table apply from ~~**the state line below Davis Dam to the Lake Mohave Inlet.**~~ **the Colorado River From The Lake Mohave inlet downstream to the state line below Davis Dam.**

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 for NAC 445A.~~170~~173001			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	Δ T= 2°C	Nov.-April : ≤13°C May - June : ≤17°C July - Oct. : ≤23°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0.02 S.V. : ≤ 0.03	A-Avg. : ≤0.05			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate A-Avg. : ≤ 1.1 S.V. : ≤ 1.6	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		S.V. : ≤10			*			X					
Color - PCU		[d]						*					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤50 S.V. : ≤100	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410					*	X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River system is specified in NAC 445A.143.

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Colorado River

~~Control Point below Hover Dam.~~ The limits of this table apply from ~~the Lake Mohave Inlet to Hover Dam.~~ **the Colorado River from Hover Dam downstream to the inlet to Lake Mohave.**

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 for NAC 445A.~~170~~173002			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	Δ T= 2°C	Nov.-April : ≤13°C May - June : ≤17°C July - Oct. : ≤23°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0. 02 S.V. : ≤ 0.033	A-Avg. : ≤0.05			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate A-Avg. : ≤ 1.0 S.V. : ≤ 1.5	Nitrate S.V. : ≤10 Nitrite S.V. : ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : Nov.-May : ≥ 6.0 Jun.-Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		S.V. : ≤10			*			X					
Color - PCU		[d]						*					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤50 S.V. : ≤100	≤200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean Single Value	— —	≤126 ≤410					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River system is specified in NAC 445A.143.

[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~195~~173003 Lake Mead excluding area covered by NAC 445A.~~197~~173004. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Lake Mead

The limits of this table apply to Lake Mead excluding the area not covered by NAC 445A.174004 (Inner Las Vegas Bay)

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 for NAC 445A.~~194~~173003			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			A warmwater fishery										
Temperature Single Value	ΔT 0°C [b]	ΔT 2°C [b]			*	X							
pH Units	95% of samples not to exceed 8.8 SU	S.V. : 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		≥ 5.0 mg/l in the epilimnion or average in water column during periods of nonstratification	X		*	X	X	X		X			
Chlorophyll a– µg/l	[c]				*		X	X					
Total Ammonia (as N)-mg/l	—	[d]			*								
Total Dissolved Solids Single Value	Flow Weighted Annual Average Concentration ≤723 mg/l measured below Hoover Dam[e] —	≤1000 mg/l		X				*					
Chloride Single Value	[f]	≤400 mg/l [e]	X					*		X			
Sulfate Single Value	[f]	≤500 mg/l [e]						*					
Suspended Solids Single Value	—	≤25 mg/l			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤4.5 mg/l	Nitrate ≤ 10 mg/l Nitrite ≤1 mg/l	X		X			*		X			
Turbidity Single Value	[g]	≤25 NTU			*	X	X	X					
Fecal Coliform MF or MPN/100 ml		≤200/400[h]	X			*	X	X		X			
E. Coli 30-day Log Mean Single Value		≤126 MF/100 ml ≤235 MF/100 ml	X	X		*	X	X					
Color-Pt-Co Units Single Value	[i]					*		X					

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.172 for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.

[c] The requirements for chlorophyll a are:

(1) Not more than one 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] The details of this standard are set forth in the "1996 Review-Water Quality Standards for Salinity, Colorado River System" approved by the commission on March 25, 1998.

[f] 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.

[g] Turbidity must not exceed that characteristic of natural conditions by more than 10 Nephelometric Units.

[h] 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 ml nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

[i] Color must not exceed that characteristic of natural conditions by more than 10 units Platinum-Cobalt Scale.

The commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.

NAC 445A.~~197~~173004 Lake Mead from a distance of 1.2 miles into Las Vegas Bay from the confluence of Las Vegas Wash with Lake Mead

STANDARDS OF WATER QUALITY
Inner Las Vegas Bay

The limits of this table apply to Lake Mead from the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay.

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 for NAC 445A.~~196~~173004			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			without limitation a warmwater fishery										
Temperature Single Value	ΔT 0°C [b]	ΔT 2°C [a]			*	X							
pH Units	95% of samples not to exceed 8.8 SU	S.V. : 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		≥ 5.0 mg/l	X		*	X	X	X		X			
Total Ammonia (as N)-mg/l	—	c			*								
Total Dissolved Solids Single Value	d	≤3000 mg/l		X				*					
Suspended Solids Single Value	—	≤25 mg/l			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤ 5.3 mg/l	Nitrate ≤ 90 mg/l Nitrite ≤ 5 mg/l	X		X			*		X			
Turbidity Single Value	e	≤25 NTU			*	X	X	X					
Fecal Coliform MF or MPN/100 ml		≤200/400[f]	X			*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Any increase in total dissolved solids must not result in a violation of the standards set forth in "1996 Review-Water Quality Standards for Salinity, Colorado River System" approved by the commission on March 25, 1998.

[e] Turbidity must not exceed that characteristic of natural conditions by more than 10 Nephelometric Units.

[f] Any discharge from a point source into Las Vegas Wash must not exceed a log mean of 200 per 100 ml 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 ml.

The commission recognizes that, because of discharges of tributaries, localized violations of standards may occur in the inner Las Vegas Bay.

NAC 445A.~~199~~173005 Las Vegas Wash from Telephone Line Road to confluence of discharges from City of Las Vegas and Clark County wastewater treatment plants. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Upper Las Vegas Wash

~~**Control point at Telephone Line Road.**~~ The limits of this table apply from Telephone Line Road to the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants, which encompasses the City of Henderson wastewater treatment plant discharge.

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 for NAC 445A.~~198~~173005			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature Single Value	ΔT 0°C [b]				*	X							
pH Units		S.V. : 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		[c]	X		*	X	X	X		X			
Total Dissolved Solids Single Value	95% of samples ≤1900 mg/l	≤3000 mg/l		X						*			X
Suspended Solids Single Value	—	≤135 mg/l[d]			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤ 20 mg/l	Nitrate ≤ 100 mg/l Nitrite ≤ 10 mg/l	X		X			*		X			
Fecal Coliform MF or MPN/100 ml		[e]	X			*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 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] 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 ml 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 ml.

NAC 445A.~~201~~173006 Confluence of Las Vegas Wash with Lake Mead to Telephone Line Road.
(NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Lower Las Vegas Wash

The limits of this table apply from the confluence of the Las Vegas Wash with Lake Mead to Telephone Line Road.

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 for NAC 445A.~~200~~173006			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature Single Value	ΔT 0°C [b]				*	X							
pH Units		S.V. : 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		[c]	X		*	X	X	X		X			
Total Dissolved Solids Single Value	95% of samples ≤2400 mg/l	≤3000 mg/l		X						*			X
Suspended Solids Single Value	—	≤135 mg/l[d]			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤ 17 mg/l	Nitrate ≤ 100 mg/l Nitrite ≤ 10 mg/l	X		X			*		X			
Fecal Coliform MF or MPN/100 ml		[e]	X			*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 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] 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 ml 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 ml.

NAC 445A.~~175~~173007 Virgin River at Mesquite. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

~~**Control Point at Mesquite.**~~ The limits of this table apply from ~~**Mesquite to the Arizona state line (near Littlefield, Arizona).**~~ **the Virgin River from the state line downstream to Mesquite.**

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 for NAC 445A.~~174~~173007			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b	Δ T= 0°C	Nov.- June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤300 S.V. : ≤550	A.G.M : ≤1000 S.V. : ≤2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

NAC 445A.~~176~~173008 Virgin River at the state line near Littlefield. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

~~**Control Point at the state line (near Littlefield, Arizona).**~~ The limits of this table apply ~~**at the Arizona-Nevada State line (near Littlefield Arizona).**~~ **to the Virgin River at the Arizona-Nevada state line (near Littlefield, Arizona).**

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 for NAC 445A.~~174~~173008			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b	Δ T= 0°C	Nov.- June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0.6 S.V. : ≤ 0.1	A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤450 S.V. : ≤1800	A.G.M : ≤1000 S.V. : ≤2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

NAC 445A.~~177~~173009 Virgin River at Riverside. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Virgin River

~~**Control Point at Riverside.**~~ The limits of this table apply from ~~**the river mouth at Lake Mead to Mesquite**~~. **the Virgin River from Mesquite downstream to the river mouth at Lake Mead.**

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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 for NAC 445A.~~174~~173009			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C- Maximum ΔT^b	 Δ T= 0°C	Nov.- June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform- No./100 ml	A.G.M. : ≤ 625 S.V. : ≤ 1800	A.G.M : ≤1000 S.V. : ≤2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

NAC 445A.~~210~~173010 Muddy River at Glendale Bridge. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Muddy River

~~**Control Point at Glendale Bridge.**~~ The limits of this table apply from ~~**the Glendale Bridge upstream to the river source**~~. **the Muddy River from the river source downstream to Glendale Bridge.**

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 for NAC 445A.~~209~~173010			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	Δ T= 0°C	Nov - June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml		A.G.M. : ≤ 1000 S.V. : ≤ 2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤ 630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

NAC 445A.~~211~~173011 Muddy River at Overton (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY
Muddy River

~~**Control Point at Overton.**~~ The limits of this table apply from ~~**the mouth of the river at Lake Mead to the Glendale Bridge**~~. **the Muddy River from the Glendale Bridge downstream to the mouth of the River at Lake Mead.**

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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 for NAC 445A.~~174~~173011			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT^b	Δ T= 0°C	Nov - June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤0.3			*	*	X	X					
Nitrogen Species (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 Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml	A.G.M. : ≤ 500 S.V. : ≤ 1300	A.G.M. : ≤ 1000 S.V. : ≤ 2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤ 630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

STANDARDS OF WATER QUALITY
Meadow Valley Wash

~~**Control point at confluence with Muddy River.**~~ The limits of this table apply from ~~**the confluence of the Meadow Valley Wash with the Muddy River to the bridge above Rox**~~. **the Meadow Valley Wash from the Bridge above Rox downstream to the Muddy River.** .

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 for NAC 445A.~~174~~173012			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C- Maximum ΔT^b	Δ T= 0°C	Nov - June : ≤21°C July - Oct. : ≤32°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. : ≤0.1			*	*	X	X					
Nitrogen Species (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	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. : ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		[d]			*			X					
Color - PCU		[e]						*					
Total Dissolved Solids - mg/l		[f]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform- No./100 ml		A.G.M. : ≤ 1000 S.V. : ≤ 2000	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤ 630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.

STANDARDS OF WATER QUALITY
Beaver Dam Wash

~~**Control Point above Schroeder Reservoir.**~~ The limits of this table apply above Schroeder 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 for NAC 445A.~~170~~173013			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C-Maximum ΔT[b]	Δ T= 0°C	Nov.- April : ≤13°C May – June : ≤17°C July - Oct. : ≤23°C Δ T : ≤2°C			*	X							
pH Units		S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. : ≤ 0.01 S.V. : ≤ 0.013	A-Avg. : ≤0.5			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate S.V. : ≤ 0.22	Nitrate S.V. : ≤ 10 Nitrite S.V. : ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov. – May : ≥ 6.0 June – Oct. : ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. : ≤25			*								
Turbidity - NTU		S.V. : ≤ 10			*			X					
Color - PCU		[d]						*					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		less than 25% change from natural conditions			*					X			
Fecal Coliform-No./100 ml		≤ 200/400[f]	X	X		*	X	X		X			
E coli - No./100 ml Annual Geometric Mean		≤ 630					*	X					

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

[a] Refer to NAC 445A.122 and 445A.172 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 standard for the Colorado River System is specified in NAC 445A.143.
[f] Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~173014 Schroeder Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Schroeder Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~173014			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~124~~173015 White River: From its origin to the national forest boundary.

STANDARDS OF WATER QUALITY
White River

The limits of this table apply from its origin to the national forest boundary.

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 for NAC 445A.~~124~~173015			X	X	X	X	X	X		X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		SV ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~173016 White River: From the national forest boundary to its confluence with Ellison Creek.

STANDARDS OF WATER QUALITY
White River

The limits of this table apply from the national forest boundary to its confluence with Ellison Creek.

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 for NAC 445A.~~125~~173016			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~173017 Dacey Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Dacey Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~173017			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Sunnyside Creek

The limits of this table apply to from its origin to the Adams McGill 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 for NAC 445A.~~125~~173018			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~173019 Adams McGill Reservoir: the entire reservoir.

STANDARDS OF WATER QUALITY
Adams McGill Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~173019			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T [b]		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~125~~173020 Hay Meadow Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Hay Meadow Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~173020			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~173021 **Nesbitt Lake**: **The entire lake.**

STANDARDS OF WATER QUALITY
Nesbitt Lake

The limits of this table apply to the entire lake.

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 for NAC 445A.~~126~~173021			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	**X**						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~173022 Pahranagat Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Pahranagat Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~173022			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤298**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~126~~173023 Bowman Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Bowman Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~173023			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern													
Temperature °C Δ T[b]		SV ≤ 34 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤576**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 more stringent of the following apply:

1. The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.
2. ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**
3. ~~The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.~~

NAC 445A.~~125~~173024 Eagle Valley Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Eagle Valley Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~125~~173024			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤235**				*	X						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.~~126~~173025 Echo Canyon Reservoir: The entire reservoir.

STANDARDS OF WATER QUALITY
Echo Canyon Reservoir

The limits of this table apply to the entire 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 for NAC 445A.~~126~~173025			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T[b]		SV ≤ 20 0			*	X							
PH (ph Units)		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤235**				*	X						
Fecal Coliform-No./100 ml		[d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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 more stringent of the following apply:

[1] The fecal coliform concentration must not exceed a geometric mean of 1000 per 100 milliliters nor may more than 20 percent of total samples exceed 2400 per 100 milliliters.

[2] ~~The annual geometric mean of fecal coliform concentration must not exceed that characteristic of natural conditions by more than 200 per 100 milliliters nor may the number of fecal coliform in a single sample exceed that characteristic of natural conditions by more than 400 per 100 milliliters.~~ **The 95th percentile of the annual geometric mean and/or the 95th percentile of single sample of fecal coliform concentration.**

~~[3] The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation~~.

NAC 445A.~~125~~173026 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.

STANDARDS OF WATER QUALITY
Clover Creek

The limits of this table apply from its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M.

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 for NAC 445A.~~125~~173026			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126 SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

* = The most restrictive beneficial use.
X = Beneficial Use
[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

STANDARDS OF WATER QUALITY
Eagle Valley Creek

The limits of this table apply from its headwaters to Eagle Valley 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 for NAC 445A.~~125~~173027			X	X	X	X	X	X	X	X			
Aquatic Life Species of concern			Trout										
Temperature °C Δ T [b]		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or ~~one-third above that characteristic of natural conditions~~ **the 95th percentile** (whichever is less).	X	X				*					
E coli - No./100 ml		**AGM ≤126** **SV ≤410**				*	**X**						
Fecal Coliform-No./100 ml		≤200/400 [d]	X	X		*	X	X		X			

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

[a] Refer to NAC 445A.122 and 445A.172 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] Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 ml.

NAC 445A.174 Beneficial uses for the Death Valley Region. The Beneficial uses for the Death Valley Region would be prescribed in NAC445A.174. The standards for water quality for the Death Valley Region would be prescribed in NAC 445A.175. The beneficial uses for this area are:

There are no designated waters in the Death Valley Region.

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

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
*	When adequate flows exists

NAC 445A.175 Water Quality Standards for the Death Valley Region. The standards for water quality for the Death Valley Region would be prescribed in NAC 445A.175. The beneficial uses for the Death Valley Region would be prescribed in NAC445A.174.

There are no designated waters in the Death Valley Region.