ADOPTED REGULATION OF THE

STATE ENVIRONMENTAL COMMISSION

LCB File No. R160-06

Effective August 26, 2008

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

AUTHORITY: §§1-318, NRS 445A.425 and 445A.520.

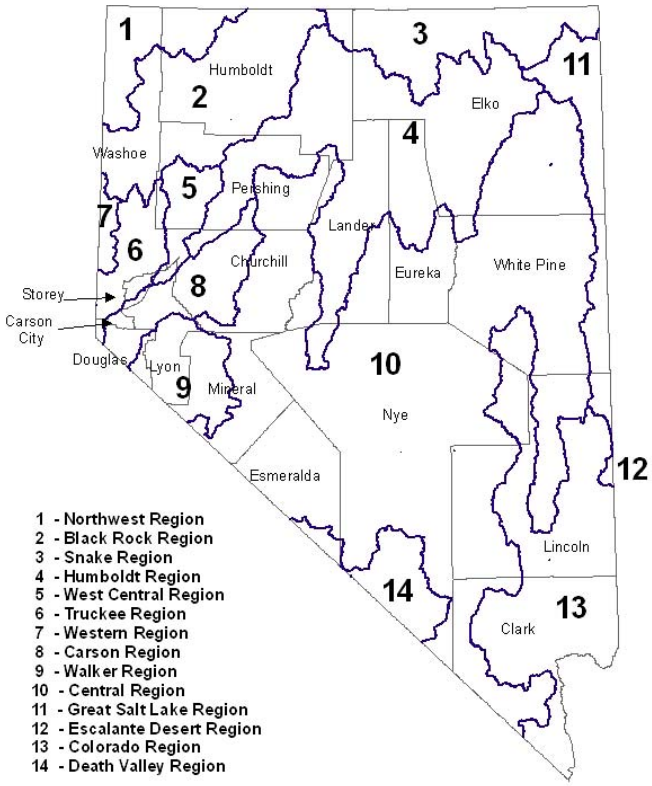
A REGULATION relating to water quality; making various changes in provisions that establish standards for water quality; and providing other matters properly relating thereto.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto the provisions set forth as sections 2 to 312, inclusive, of this regulation.

Sec. 2. ***The designated beneficial uses and water quality standards for select bodies of water within the 14 hydrographic regions of Nevada, as established by the Division of Water Resources of the Department and the United States Geological Survey in 1968, are set forth in the following table for each region as follows:***

Region No.	***Hydrographic Region***	***NAC Reference for:***	
		Beneficial Uses	***Water Quality Standards***
1	***Northwest Region***	***section 3 of this regulation***	***sections 4 to 10, inclusive, of this regulation***
2	***Black Rock Region***	***section 11 of this regulation***	***sections 12 to 25, inclusive, of this regulation***
3	***Snake Region***	***section 26 of this regulation***	***sections 27 to 58, inclusive, of this regulation***

Region No.	*Hydrographic Region*	*NAC Reference for:*	
		Beneficial Uses	*Water Quality Standards*
4	*Humboldt Region*	*section 59 of this regulation*	*sections 60 to 118, inclusive, of this regulation*
5	*West Central Region*	*section 119 of this regulation*	*section 120 of this regulation*
6	*Truckee Region*	*section 121 of this regulation*	*sections 122 to 169, inclusive, of this regulation*
7	*Western Region*	*section 170 of this regulation*	*section 171 of this regulation*
8	*Carson Region*	*section 172 of this regulation*	*sections 173 to 201, inclusive, of this regulation*
9	*Walker Region*	*section 202 of this regulation*	*sections 203 to 222, inclusive, of this regulation*
10	*Central Region*	*section 223 of this regulation*	*sections 224 to 270, inclusive, of this regulation*
11	*Great Salt Lake Region*	*section 271 of this regulation*	*sections 272 to 279, inclusive, of this regulation*
12	*Escalante Desert Region*	*section 280 of this regulation*	*section 281 of this regulation*
13	*Colorado Region*	*section 282 of this regulation*	*sections 283 to 310, inclusive, of this regulation and sections 2 and 3 of LCB File No. R083-08*
14	*Death Valley Region*	*section 311 of this regulation*	*section 312 of this regulation*



Sec. 3. ***The designated beneficial uses for select bodies of water within the Northwest Region are prescribed in this section:***

Water Body 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*		
Boulder Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*		*X*					*section 5 of this regulation*
Blue Lakes	*The entire area.*	*X*	*X*	*X*	*X*	*X*	*X*		*X*					*section 6 of this regulation*

Water Body 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*		
Catnip Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*		*X*					*section 7 of this regulation*
Wall Canyon Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 8 of this regulation*
Knott Creek Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 9 of this regulation*
Onion Valley Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 10 of this regulation*

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*

Sec. 4. ***The standards for water quality for select bodies of water within the Northwest Region are prescribed in sections 4 to 10, inclusive, of this regulation.***

Sec. 5. ***The limits of this table apply to the entire body of water known as Boulder Reservoir. Boulder Reservoir is located in Washoe County.***

STANDARDS OF WATER QUALITY

Boulder Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 3 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 6. ***The limits of this table apply to the entire body of water known as Blue Lakes. Blue Lakes is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Blue Lakes

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 3 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 7. *The limits of this table apply to the entire body of water known as Catnip Reservoir. Catnip Reservoir is located in Washoe County.*

STANDARDS OF WATER QUALITY

Catnip Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]*			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 3 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 8. ***The limits of this table apply to the entire body of water known as Wall Canyon Reservoir. Wall Canyon Reservoir is located in Washoe County.***

STANDARDS OF WATER QUALITY

Wall Canyon Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 3 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 9. *The limits of this table apply to the entire body of water known as Knott Creek Reservoir. Knott Creek Reservoir is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Knott Creek Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 3 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 10. ***The limits of this table apply to the entire body of water known as Onion Valley Reservoir. Onion Valley Reservoir is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Onion Valley Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 3 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 11. ***The designated beneficial uses for select bodies of water within the Black Rock Region are prescribed in this section:***

Water Body 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		
Smoke Creek	Approximately 30 miles east of Susanville, California.													section 13 of this regulation
Squaw Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 14 of this regulation
Negro Creek	From its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M.	X	X	X	X	X	X		X					section 15 of this regulation
Summit Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 16 of this regulation
Mahogany Creek	From its origin to Summit Lake.	X	X	X	X	X	X		X					section 17 of this regulation
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					section 18 of this regulation
Bilk Creek, upper	From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X		X					section 19 of this regulation
Bilk Creek at Bilk Creek Reservoir	From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir.	X	X	X	X	X	X	X	X				Trout	section 20 of this regulation
Bilk Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 21 of this regulation

Water Body 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		
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					section 22 of this regulation
Quinn River, East and South Forks	From their origin to the confluence of the East and South Forks.	X	X	X	X	X	X		X					section 23 of this regulation
Quinn River at Fort McDermitt Reservation	From the point of the confluence of the East and South Forks to the Fort McDermitt Indian Reservation diversion dam.	X	X	X	X	X	X	X	X				Trout	section 24 of this regulation
Quinn River (The Slough)	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 line of section 17, T. 47 N., R. 38 E., M.D.B. & M.	X	X	X		X		X	X					section 25 of this regulation
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													

Water Body 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		
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 12. *The standards for water quality for select bodies of water within the Black Rock Region are prescribed in sections 12 to 25, inclusive, of this regulation.*

Sec. 13. *The limits of this table apply to the body of water known as Smoke Creek approximately 30 miles east of Susanville, California. Smoke Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

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													
Aquatic Life Species of Concern													
Temperature - °C													
Summer		S.V. ≤ 25.0											
Winter		S.V. ≤ 14.0											
ΔT - °C		ΔT ≤ 3											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 8.5 Annual median 7.0 - 8.0											
Phosphates (as PO4) - mg/l		A-Avg. ≤ 0.5 S.V. ≤ 0.7											
Nitrogen Species (as NO_3) - mg/l		Nitrate S.V. ≤ 5.0											
Dissolved Oxygen - mg/l		S.V. ≥ 7.5 Avg. Jun-Sep ≥ 8.0											
BOD - mg/l		S.V. ≤ 5.0											
Chlorides - mg/l		S.V. ≤ 10.0											
Turbidity - JU		[b]											
Color - PCU		[c]											
Total Dissolved Solids - mg/l		A-Avg. ≤ 225.0 S.V. ≤ 275.0											
Fecal Coliform - No./100 ml		≤ 1,000/2,400 [d] ≤ 200/400 [d]											

[a] Refer to NAC 445A.122 and section 11 of this regulation 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 PCU.

[d] The more stringent of the following apply:

The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.

Sec. 14. *The limits of this table apply to the entire body of water known as Squaw Creek Reservoir. Squaw Creek Reservoir is located in Washoe County.*

STANDARDS OF WATER QUALITY

Squaw Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 15. ***The limits of this table apply to the body of water known as Negro Creek from its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M. Negro Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Negro Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 16. ***The limits of this table apply to the entire body of water known as Summit Lake. Summit Lake is located in Humboldt County.***

STANDARDS OF WATER QUALITY

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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 17. *The limits of this table apply to the body of water known as Mahogany Creek from its origin to Summit Lake. Mahogany Creek is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Mahogany 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 18. ***The limits of this table apply to the body of water known as Leonard Creek from its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M. Leonard Creek is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Leonard Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 19. *The limits of this table apply to the body of water known as Bilk Creek from its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. This segment of Bilk Creek is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Bilk Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 20. ***The limits of this table apply to the body of water known as Bilk Creek from its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir. This segment of Bilk Creek is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Bilk Creek at Bilk Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 21. ***The limits of this table apply to the entire body of water known as Bilk Creek Reservoir. Bilk Creek Reservoir is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Bilk Creek Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT^b - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 11 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 22. ***The limits of this table apply to the body of water known as Bottle Creek from its origin to the first point of diversion, near the east line of section 23, T. 40 N., R. 32 E., M.D.B. & M. Bottle Creek is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Bottle Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 410*				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 23. ***The limits of this table apply to the body of water known as the East and South Forks of the Quinn River from their origin to the confluence of the East and South Forks. This segment of the East and South Forks of the Quinn River is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Quinn River, East and South Forks

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT^b - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 11 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 24. ***The limits of this table apply to the body of water known as the Quinn River from the point of the confluence of the East and South Forks to the Fort McDermitt Indian Reservation diversion dam. This segment of the Quinn River is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Quinn River at the Fort McDermitt Reservation

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 11 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 25. ***The limits of this table apply to the body of water known as the Quinn River 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 line of section 17, T. 47 N., R. 38 E., M.D.B. & M. This segment of the Quinn River is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Quinn River (The Slough)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

* = The most restrictive beneficial use.

X = Beneficial use.

a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.

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

Sec. 26. *The designated beneficial uses for select bodies of water within the Snake Region are prescribed in this section:*

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Big Goose Creek	At Ranch.	X	X	X	X	X	X	X	X					section 28 of this regulation
Salmon Falls Creek	At U.S. Highway 93 south of Jackpot.	X	X	X	X	X	X	X	X					section 29 of this regulation

Water Body 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		
Shoshone Creek	Jackpot to Delaplain Road.	X	X	X	X	X	X	X	X					section 30 of this regulation
Jarbidge River, East Fork	At the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					section 31 of this regulation
Jarbidge River, above Jarbidge	Upstream from Jarbidge at bridge.	X	X	X	X	X	X	X	X					section 32 of this regulation
Jarbidge River, below Jarbidge	Downstream from Jarbidge at bridge.	X	X	X	X	X	X	X	X					section 33 of this regulation
West Fork Bruneau River	At Diamond "A" Road.	X	X	X	X	X	X	X	X					section 34 of this regulation
Owyhee River, East Fork above Mill Creek	Above Mill Creek.	X	X	X	X	X	X	X	X					section 35 of this regulation
Owyhee River, East Fork at New China Dam	At New China Dam.	X	X	X	X	X	X	X	X					section 36 of this regulation
Owyhee River, East Fork at the state line	At the Nevada-Idaho state line.	X	X	X	X	X	X	X	X					section 37 of this regulation
Owyhee River, South Fork at Petan Access Road	At Petan Access Road.	X	X	X	X	X	X	X	X					section 38 of this regulation

Water Body 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		
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	section 39 of this regulation
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	section 40 of this regulation
Camp Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 41 of this regulation
Camp Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	section 42 of this regulation
Cottonwood Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 43 of this regulation
Cottonwood Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	section 44 of this regulation

Water Body 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		
Canyon Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 45 of this regulation
Canyon Creek at the South Fork of Salmon Falls Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	section 46 of this regulation
Bear Creek	From its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X					section 47 of this regulation
76 Creek	The entire length.	X	X	X	X	X	X	X	X				Trout	section 48 of this regulation
Owyhee River, East Fork above Wildhorse Reservoir	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					section 49 of this regulation
Deep Creek	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					section 50 of this regulation
Penrod Creek, including tributaries	From its origin, including its tributaries, to Wildhorse Reservoir.	X	X	X	X	X	X		X					section 51 of this regulation
Hendricks Creek	From its origin to Wildhorse Reservoir.	X	X	X	X	X	X		X					section 52 of this regulation

Water Body 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		
Wildhorse Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 53 of this regulation
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					section 54 of this regulation
Jack Creek	From its origin to its confluence with Harrington Creek.	X	X	X	X	X	X		X					section 55 of this regulation
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	section 56 of this regulation
Bull Run Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 57 of this regulation
Wilson Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 58 of this regulation
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													

Water Body 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		
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													

Sec. 27. *The standards for water quality for select bodies of water within the Snake Region are prescribed in sections 27 to 58, inclusive, of this regulation.*

Sec. 28. *The limits of this table apply to the body of water known as Big Goose Creek for the control point at Ranch. Big Goose Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Big Goose 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. May-Oct < 21 S.V. Nov-Apr < 13			*	X							
ΔT^b - °C	$\Delta T = 0$	$\Delta T < 1$											
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorus (as P) - mg/l		S.V. < 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. > 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*			X					
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			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 29. ***The limits of this table apply to the body of water known as Salmon Falls Creek for the control point at U.S. Highway 93 south of Jackpot. Salmon Falls Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Salmon Falls Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. > 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*			X					
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			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. <90	< 200/400[d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 30. ***The limits of this table apply to the body of water known as Shoshone Creek for the control point at Jackpot to Delaplain Road. Shoshone Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Shoshone 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		*S.V. May-Oct < 21*			*	X							
		S.V. Nov-Apr < 13											
ΔT[b] - °C	*ΔT = 0*	*ΔT < 1*											
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l		*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10*			*	X	X	*					
		Nitrite S.V. < 0.06											
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
Turbidity - NTU		*S.V. < 10*			*			X					
Total Dissolved Solids - mg/l	*S.V. < 250*	*S.V. < 500*	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 31. *The limits of this table apply to the body of water known as the East Fork of Jarbidge River at the Nevada-Idaho state line. The East Fork of Jarbidge River is located in Elko County.*

STANDARDS OF WATER QUALITY

Jarbidge River, East Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	ΔpH ±0.5	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. < 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. > 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. < 100	< 200/400[d]		X		*	X	X		X			
Color - PCU		[e]						*					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 32. ***The limits of this table apply to the body of water known as Jarbidge River for the control point upstream from Jarbidge at bridge. This segment of the Jarbidge River is located in Elko County.***

STANDARDS OF WATER QUALITY

Jarbidge River, above Jarbidge

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 7* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l	*S.V. < 0.05*	*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. < 10	< 200/400[d]		X		*	X	X		X			
Color - PCU		[e]						*					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 33. ***The limits of this table apply to the body of water known as the Jarbidge River for the control point downstream from Jarbidge at bridge. This segment of the Jarbidge River is located in Elko County.***

STANDARDS OF WATER QUALITY

Jarbidge River, below Jarbidge

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	 *ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 7* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l	*S.V. < 0.05*	*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 34. *The limits of this table apply to the body of water known as the West Fork Bruneau River for the control point at Diamond "A" Road. The West Fork Bruneau River is located in Elko County.*

STANDARDS OF WATER QUALITY

West Fork Bruneau 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 7* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l		*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. < 80	< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 35. *The limits of this table apply to the body of water known as the East Fork of the Owyhee River above Mill Creek. This segment of the East Fork of the Owyhee River is located in Elko County.*

STANDARDS OF WATER QUALITY

Owyhee River, East Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 7* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l		*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 36. *The limits of this table apply to the body of water known as the East Fork of the Owyhee River at New China Dam. This segment of the East Fork of the Owyhee River is located in Elko County.*

STANDARDS OF WATER QUALITY

Owyhee River, East Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 7* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l		*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	S.V. ≤ 125	< 200/400[d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 37. *The limits of this table apply to the body of water known as the East Fork of the Owyhee River at the Nevada-Idaho state line. This segment of the East Fork of the Owyhee River is located in Elko County.*

STANDARDS OF WATER QUALITY

Owyhee River, 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C	$\Delta T = 0$	S.V. May-Oct < 21 S.V. Nov-Apr < 7 $\Delta T < 1$			*	X							
pH - SU	$\Delta pH \pm 0.5$	S.V. 6.5 - 9.0			*	X		X					
Total Phosphorus (as P) - mg/l		S.V. < 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06 Ammonia (unionized) S.V. < 0.02			*	X	X	*					
Dissolved Oxygen - mg/l		S.V. > 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		< 200/400 [c]		X		*	X	X		X			
Color - PCU		[d]						*					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water 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.*

Sec. 38. ***The limits of this table apply to the body of water known as the South Fork of the Owyhee River at Petan Access Road. The South Fork of the Owyhee River is located in Elko County.***

STANDARDS OF WATER QUALITY

Owyhee River, South Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. May-Oct < 21* *S.V. Nov-Apr < 13* *ΔT < 1*			*	X							
pH - SU	*ΔpH ±0.5*	*S.V. 6.5 - 9.0*			*	X		X					
Total Phosphorus (as P) - mg/l		*S.V. < 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. < 1.0*	*Nitrate S.V. < 10* *Nitrite S.V. < 0.06*			*	X	X	*					
Total Ammonia (as N) - mg/l		*c*			*								
Dissolved Oxygen - mg/l		*S.V. > 6.0*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. < 25*			*			X					
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		< 200/400 [d]		X		*	X	X		X			
Color - PCU		[e]						*					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 39. *The limits of this table apply to the body of water known as the North Fork of Salmon Falls Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. The North Fork of Salmon Falls Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Salmon Falls Creek, North Fork

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 40. ***The limits of this table apply to the body of water known as the South Fork of Salmon Falls Creek from the national forest boundary to its confluence with the North Fork of Salmon Falls Creek. The South Fork of Salmon Falls Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Salmon Falls Creek, South Fork

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 41. *The limits of this table apply to the body of water known as Camp Creek from its origin to the national forest boundary. This segment of Camp Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Camp Creek at the national forest boundary

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 42. ***The limits of this table apply to the body of water known as Camp Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Camp Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Camp Creek at the South Fork of Salmon Falls Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 43. *The limits of this table apply to the body of water known as Cottonwood Creek from its origin to the national forest boundary. This segment of Cottonwood Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Cottonwood Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 44. ***The limits of this table apply to the body of water known as Cottonwood Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Cottonwood Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Cottonwood Creek at the South Fork of Salmon Falls Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 45. *The limits of this table apply to the body of water known as Canyon Creek from its origin to the national forest boundary. This segment of Canyon Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Canyon Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 46. ***The limits of this table apply to the body of water known as Canyon Creek from the national forest boundary to its confluence with the South Fork of Salmon Falls Creek. This segment of Canyon Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Canyon Creek at the South Fork of Salmon Falls Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	*X*	*X*				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 47. *The limits of this table apply to the body of water known as Bear Creek from its origin to the point of diversion for the Jarbidge municipal water supply, near the east line of section 17, T. 46 N., R. 58 E., M.D.B. & M. Bear Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Bear Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 48. ***The limits of this table apply to the entire body of water known as 76 Creek. 76 Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

76 Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 49. *The limits of this table apply to the body of water known as the East Fork of the Owyhee River from its origin to Wildhorse Reservoir. The East Fork of the Owyhee River is located in Elko County.*

STANDARDS OF WATER QUALITY

Owyhee River, East Fork above 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 $\Delta T = 0$			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 50. ***The limits of this table apply to the body of water known as Deep Creek from its origin to Wildhorse Reservoir. Deep Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Deep Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 51. *The limits of this table apply to the body of water known as Penrod Creek from its origin, including its tributaries, to Wildhorse Reservoir. Penrod Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Penrod Creek, including tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 52. ***The limits of this table apply to the body of water known as Hendricks Creek from its origin to Wildhorse Reservoir. Hendricks Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Hendricks Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 53. *The limits of this table apply to the entire body of water known as Wildhorse Reservoir. Wildhorse Reservoir is located in Elko County.*

STANDARDS OF WATER QUALITY

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			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 54. ***The limits of this table apply to the body of water known as 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. Brown's Gulch is located in Elko County.***

STANDARDS OF WATER QUALITY

Brown's Gulch

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 55. *The limits of this table apply to the body of water known as Jack Creek from its origin to its confluence with Harrington Creek. Jack Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Jack Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 56. ***The limits of this table apply to the body of water known as Harrington Creek from its confluence with Jack Creek to the South Fork of the Owyhee River. Harrington Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Harrington Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 57. *The limits of this table apply to the entire body of water known as Bull Run Reservoir. Bull Run Reservoir is located in Elko County.*

STANDARDS OF WATER QUALITY

Bull Run Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]*			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 26 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 58. ***The limits of this table apply to the entire body of water known as Wilson Reservoir. Wilson Reservoir is located in Elko County.***

STANDARDS OF WATER QUALITY

Wilson Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 26 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 59. *The designated beneficial uses for select bodies of water within the Humboldt Region are prescribed in this section:*

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Humboldt River near Osino	From the upstream source of the main stem to Osino.	X	X	X	X	X	X	X	X				Warm-water fishery	section 61 of this regulation
Humboldt River at Palisade	From Osino to the Palisade Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	section 62 of this regulation
Humboldt River at Battle Mountain	From the Palisade Gage to the Battle Mountain Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	section 63 of this regulation
Humboldt River at State Highway 789	From the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X				Warm-water fishery	section 64 of this regulation
Humboldt River at Imlay	From the Comus Gage to Imlay.	X	X	X	X	X	X	X	X				Warm-water fishery	section 65 of this regulation
Humboldt River at Woolsey	From Imlay to Woolsey.	X	X	X	X	X	X	X	X				Warm-water fishery	section 66 of this regulation
Humboldt River at Rogers Dam	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X					section 67 of this regulation
Humboldt River at the Humboldt Sink	From Rodgers Dam to, and including, the Humboldt Sink.	X	X	X		X		X	X					section 68 of this regulation
Humboldt River, North Fork and tributaries at the national forest boundary	From their origin in the Independence Mountain Range to the national forest boundary.	X	X	X	X	X	X		X					section 69 of this regulation

Water Body 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, North Fork at Beaver Creek	From the national forest boundary to its confluence with Beaver Creek.	X	X	X	X	X	X	X	X				Trout	section 70 of this regulation
Humboldt River, North Fork at the Humboldt River	From its confluence with Beaver Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					section 71 of this regulation
Humboldt River, South Fork and tributaries at Lee	From their origin to Lee.	X	X	X	X	X	X		X					section 72 of this regulation
Humboldt River, South Fork at the Humboldt River	From Lee to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	section 73 of this regulation
Little Humboldt River	The entire length.	X	X	X	X	X	X	X	X					section 74 of this regulation
Little Humboldt River, North Fork at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 75 of this regulation
Little Humboldt River, North Fork at the South Fork of the Little Humboldt River	From the national forest boundary to its confluence with the South Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X					section 76 of this regulation

Water Body 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		
Little Humboldt River, South Fork at the Elko-Humboldt county line	From its origin to the Elko-Humboldt county line.	X	X	X	X	X	X		X					section 77 of this regulation
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	From the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X					section 78 of this regulation
Mary's River, upper	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X		X					section 79 of this regulation
Mary's River at the Humboldt River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	section 80 of this regulation
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					section 81 of this regulation
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek.	X	X	X	X	X	X		X					section 82 of this regulation

Water Body 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		
Maggie Creek at Jack Creek	From where it is formed by the Maggie Creek tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X				Trout	section 83 of this regulation
Maggie Creek at Soap Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X				Trout	section 84 of this regulation
Maggie Creek at the Humboldt River	From its confluence with Soap Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					section 85 of this regulation
Secret Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 86 of this regulation
Secret Creek at the Humboldt River	From the national forest boundary to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	section 87 of this regulation
Lamoille Creek at the gaging station	From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X					section 88 of this regulation

Water Body 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		
Lamoille Creek at the Humboldt River	From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					section 89 of this regulation
J.D. Ponds	The entire area.	X	X	X	X	X	X	X	X					section 90 of this regulation
Denay Creek at Tonkin Reservoir	From its origin to Tonkin Reservoir.	X	X	X	X	X	X		X					section 91 of this regulation
Tonkin Reservoir	The entire reservoir.	X	X	X	X	X	X		X					section 92 of this regulation
Denay Creek below Tonkin Reservoir	Below Tonkin Reservoir.	X	X	X	X	X	X	X	X					section 93 of this regulation
Rock Creek at Squaw Valley Ranch	From its origin to Squaw Valley Ranch.	X	X	X	X	X	X		X					section 94 of this regulation
Rock Creek below Squaw Valley Ranch	Below Squaw Valley Ranch.	X	X	X	X	X	X	X	X					section 95 of this regulation
Willow Creek	From its origin to Willow Creek Reservoir.	X	X	X	X	X	X		X					section 96 of this regulation
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 97 of this regulation

Water Body 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		
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M.	X	X	X	X	X	X		X					section 98 of this regulation
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M.	X	X	X	X	X	X		X					section 99 of this regulation
Martin Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 100 of this regulation
Martin Creek below the national forest boundary	From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	section 101 of this regulation
Dutch John Creek	The entire length.	X	X	X	X	X	X		X					section 102 of this regulation
Huntington Creek at the White Pine-Elko county line	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X		X					section 103 of this regulation

Water Body 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		
Huntington Creek at Smith Creek	From the White Pine-Elko county line to its confluence with Smith Creek.	X	X	X	X	X	X	X	X				Trout	section 104 of this regulation
Huntington Creek at the South Fork of the Humboldt River	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River.	X	X	X	X	X	X	X	X					section 105 of this regulation
Green Mountain Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 106 of this regulation
Green Mountain Creek at Corral Creek	From the national forest boundary to its confluence with Corral Creek.	X	X	X	X	X	X	X	X				Trout	section 107 of this regulation
Toyn Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 108 of this regulation
Reese Creek at Indian Creek	From its origin to its confluence with Indian Creek.	X	X	X	X	X	X		X					section 109 of this regulation
Reese River at State Route 722	From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X				Trout	section 110 of this regulation

Water Body 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		
Reese River below State Route 722	North of State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X					section 111 of this regulation
San Juan Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 112 of this regulation
Big Creek at the forest service campground	From its origin to the east boundary of the United States Forest Service's Big Creek Campground.	X	X	X	X	X	X		X					section 113 of this regulation
Big Creek below the forest service campground	From the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	section 114 of this regulation
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					section 115 of this regulation
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					section 116 of this regulation

Water Body 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*		
Iowa Canyon Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 117 of this regulation*
Starr Creek	*From the confluence of Ackler and Herder Creeks to its confluence with the Humboldt River.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 118 of this regulation*
Irrigation	*Irrigation*													
Livestock	*Watering of livestock*													
Contact	*Recreation involving contact with the water*													
Noncontact	*Recreation not involving contact with the water*													
Industrial	*Industrial supply*													
Municipal	*Municipal or domestic supply, or both*													
Wildlife	*Propagation of wildlife*													
Aquatic	*Propagation of aquatic life*													
Aesthetic	*Waters of extraordinary ecological or aesthetic value*													
Enhance	*Enhancement of water quality*													
Marsh	*Maintenance of a freshwater marsh*													

Sec. 60. ***The standards for water quality for select bodies of water within the Humboldt Region are prescribed in sections 60 to 118, inclusive, of this regulation.***

Sec. 61. ***The limits of this table apply to the body of water known as the Humboldt River from the upstream source of the main stem to Osino. This segment of the Humboldt River is located in Elko County.***

STANDARDS OF WATER QUALITY

Humboldt River near Osino

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.5 S.V. Apr-Nov ≤ 2.4	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X	X	X			*		X			
Total 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 ≤ 80 [d]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/l		S.V. ≤ 250						*					
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 75 S.V. ≤ 200	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 62. ***The limits of this table apply to the body of water known as the Humboldt River from Osino to the Palisade Gage. This segment of the Humboldt River is located in Elko and Eureka Counties.***

STANDARDS OF WATER QUALITY

Humboldt River at Palisade

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	A-Avg. 7.0 - 8.5 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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.4 S.V. Apr-Nov ≤ 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 20 S.V. ≤ 150	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 63. ***The limits of this table apply to the body of water known as the Humboldt River from the Palisade Gage to the Battle Mountain Gage. This segment of the Humboldt River is located in Eureka and Lander Counties.***

STANDARDS OF WATER QUALITY

Humboldt River at Battle Mountain

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.9 S.V. Apr-Nov ≤ 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 200	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 64. ***The limits of this table apply to the body of water known as the Humboldt River from the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River. This segment of the Humboldt River is located in Humboldt and Lander Counties.***

STANDARDS OF WATER QUALITY

Humboldt River at State Highway 789

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 2.9 S.V. Apr-Nov ≤ 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 40 S.V. ≤ 100	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 65. *The limits of this table apply to the body of water known as the Humboldt River from the Comus Gage to Imlay. This segment of the Humboldt River is located in Humboldt and Pershing Counties.*

STANDARDS OF WATER QUALITY

Humboldt River at Imlay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 2.4 S.V. Apr-Nov ≤ 2.9	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X	X	X			*		X			
Total 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU	[e]	No Adverse Effects						*					
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 30 S.V. ≤ 150	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 66. *The limits of this table apply to the body of water known as the Humboldt River from Imlay to Woolsey. This segment of the Humboldt River is located in Pershing County.*

STANDARDS OF WATER QUALITY

Humboldt River at Woolsey

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature - °C ΔT [b] - °C	ΔT = 0	ΔT ≤ 2			*	X							
pH - SU	A-Avg. 7.0 - 8.9 S.V. 7.0 - 9.0	S.V. 6.5 - 9.0 Δ pH ± 0.5	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
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 (as 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		S.V. ≤ 50			*			X					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤ 200/400[f]	X	X		*	X	X		X			
Sodium - SAR		A-Avg. ≤ 8		*				X					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 59 of this regulation 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 67. ***The limits of this table apply to the body of water known as the Humboldt River from Woolsey to Rodgers Dam. This segment of the Humboldt River is located in Pershing County.***

STANDARDS OF WATER QUALITY

Humboldt River at Rogers 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 68. ***The limits of this table apply to the body of water known as the Humboldt River from Rodgers Dam to, and including, the Humboldt Sink. This segment of the Humboldt River is located in Churchill and Pershing Counties.***

STANDARDS OF WATER QUALITY

Humboldt River at the Humboldt Sink

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.*

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

Sec. 69. ***The limits of this table apply to the bodies of water known as the North Fork of the Humboldt River and its tributaries in the Independence Mountain Range from their origin to the national forest boundary. This segment of the North Fork of the Humboldt River and tributaries is located in Elko County.***

STANDARDS OF WATER QUALITY

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

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 70. *The limits of this table apply to the body of water known as the North Fork of the Humboldt River from the national forest boundary to its confluence with Beaver Creek. This segment of the North Fork of the Humboldt River is located in Elko County.*

STANDARDS OF WATER QUALITY

Humboldt River, North Fork at Beaver Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 71. ***The limits of this table apply to the body of water known as the North Fork of the Humboldt River from its confluence with Beaver Creek to its confluence with the Humboldt River. This segment of the North Fork of the Humboldt River is located in Elko County.***

STANDARDS OF WATER QUALITY

Humboldt River, North Fork at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 72. *The limits of this table apply to the bodies of water known as the South Fork of the Humboldt River and its tributaries from their origin to Lee. This segment of the South Fork of the Humboldt River and tributaries is located in Elko County.*

STANDARDS OF WATER QUALITY

Humboldt River, South Fork and tributaries at 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 73. ***The limits of this table apply to the body of water known as the South Fork of the Humboldt River from Lee to its confluence with the Humboldt River. This segment of the South Fork of the Humboldt River is located in Elko County.***

STANDARDS OF WATER QUALITY

Humboldt River, South Fork at the Humboldt River

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 74. *The limits of this table apply to the entire body of water known as the Little Humboldt River. The Little Humboldt River is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Little Humboldt River

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Usea*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	*X*	*X*				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 75. ***The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from its origin to the national forest boundary. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Little Humboldt River, North Fork at the national forest boundary

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 76. *The limits of this table apply to the body of water known as the North Fork of the Little Humboldt River from the national forest boundary to its confluence with the South Fork of the Little Humboldt River. This segment of the North Fork of the Little Humboldt River is located in Humboldt County.*

STANDARDS OF WATER QUALITY

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 77. ***The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from its origin to the Elko-Humboldt county line. This segment of the South Fork of the Little Humboldt River is located in Elko County.***

STANDARDS OF WATER QUALITY

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

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 78. *The limits of this table apply to the body of water known as the South Fork of the Little Humboldt River from the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River. This segment of the South Fork of the Little Humboldt River is located in Humboldt County.*

STANDARDS OF WATER QUALITY

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 79. ***The limits of this table apply to the body of water known as 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. This segment of Mary's River is located in Elko County.***

STANDARDS OF WATER QUALITY

Mary's River, upper

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 80. *The limits of this table apply to the body of water known as 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. This segment of Mary's River is located in Elko County.*

STANDARDS OF WATER QUALITY

Mary's River at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 81. ***The limits of this table apply to the body of water known as Tabor Creek from its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M. Tabor Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Tabor Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 82. *The limits of this table apply to the bodies of water known as the Maggie Creek Tributaries from their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek. The Maggie Creek Tributaries are located in Elko County.*

STANDARDS OF WATER QUALITY

Maggie Creek Tributaries

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 83. ***The limits of this table apply to the body of water known as Maggie Creek from where it is formed by the Maggie Creek Tributaries to its confluence with Jack Creek. This segment of Maggie Creek is located in Elko and Eureka Counties.***

STANDARDS OF WATER QUALITY

Maggie Creek at Jack Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 84. *The limits of this table apply to the body of water known as Maggie Creek from its confluence with Jack Creek to its confluence with Soap Creek. This segment of Maggie Creek is located in Eureka County.*

STANDARDS OF WATER QUALITY

Maggie Creek at Soap Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 85. ***The limits of this table apply to the body of water known as Maggie Creek from its confluence with Soap Creek to its confluence with the Humboldt River. This segment of Maggie Creek is located in Elko and Eureka Counties.***

STANDARDS OF WATER QUALITY

Maggie Creek at the Humboldt River

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 86. *The limits of this table apply to the body of water known as Secret Creek from its origin to the national forest boundary. This segment of Secret Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Secret Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 87. ***The limits of this table apply to the body of water known as Secret Creek from the national forest boundary to its confluence with the Humboldt River. This segment of Secret Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Secret Creek at the Humboldt River

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 88. *The limits of this table apply to the body of water known as Lamoille Creek from its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M. This segment of Lamoille Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Lamoille Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 89. ***The limits of this table apply to the body of water known as Lamoille Creek from gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River. This segment of Lamoille Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Lamoille Creek at the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 90. ***The limits of this table apply to the entire body of water known as J.D. Ponds. J.D. Ponds is located in Eureka County.***

STANDARDS OF WATER QUALITY

J.D. Ponds

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 91. ***The limits of this table apply to the body of water known as Denay Creek from its origin to Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.***

STANDARDS OF WATER QUALITY

Denay Creek at Tonkin Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 92. *The limits of this table apply to the entire body of water known as Tonkin Reservoir. Tonkin Reservoir is located in Eureka County.*

STANDARDS OF WATER QUALITY

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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 93. ***The limits of this table apply to the body of water known as Denay Creek below Tonkin Reservoir. This segment of Denay Creek is located in Eureka County.***

STANDARDS OF WATER QUALITY

Denay Creek 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 94. *The limits of this table apply to the body of water known as Rock Creek from its origin to Squaw Valley Ranch. This segment of Rock Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Rock Creek at Squaw Valley Ranch

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 95. ***The limits of this table apply to the body of water known as Rock Creek below Squaw Valley Ranch. This segment of Rock Creek is located in Elko, Eureka and Lander Counties.***

STANDARDS OF WATER QUALITY

Rock Creek below Squaw Valley Ranch

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 96. *The limits of this table apply to the body of water known as Willow Creek from its origin to Willow Creek Reservoir. Willow Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Willow Creek at Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 97. ***The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Elko County.***

STANDARDS OF WATER QUALITY

Willow Creek Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 98. *The limits of this table apply to the body of water known as Pole Creek from its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M. Pole Creek is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Pole Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 99. ***The limits of this table apply to the body of water known as Water Canyon Creek from its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M. Water Canyon Creek is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Water Canyon Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 100. *The limits of this table apply to the body of water known as Martin Creek from its origin to the national forest boundary. This segment of Martin Creek is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Martin Creek at the national forest boundary

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 101. ***The limits of this table apply to the body of water known as Martin Creek from the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. This segment of Martin Creek is located in Humboldt County.***

STANDARDS OF WATER QUALITY

Martin Creek below the national forest boundary

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 102. *The limits of this table apply to the entire body of water known as Dutch John Creek. Dutch John Creek is located in Humboldt County.*

STANDARDS OF WATER QUALITY

Dutch John Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 103. ***The limits of this table apply to the body of water known as Huntington Creek from its origin to the White Pine-Elko county line. This segment of Huntington Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Huntington Creek at the White Pine-Elko county line

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 104. *The limits of this table apply to the body of water known as Huntington Creek from the White Pine-Elko county line to its confluence with Smith Creek. This segment of Huntington Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Huntington Creek at Smith Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 105. ***The limits of this table apply to the body of water known as Huntington Creek from its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River. This segment of Huntington Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Huntington Creek at the South Fork of the Humboldt River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 106. *The limits of this table apply to the body of water known as Green Mountain Creek from its origin to the national forest boundary. This segment of Green Mountain Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Green Mountain Creek at 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 107. ***The limits of this table apply to the body of water known as Green Mountain Creek from the national forest boundary to its confluence with Corral Creek. This segment of Green Mountain Creek is located in Elko County.***

STANDARDS OF WATER QUALITY

Green Mountain Creek at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 108. *The limits of this table apply to the body of water known as Toyn Creek from its origin to the national forest boundary. Toyn Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Toyn 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 109. ***The limits of this table apply to the body of water known as Reese Creek from its origin to its confluence with Indian Creek. Reese Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Reese Creek at 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 110. *The limits of this table apply to the body of water known as the Reese River from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50). This segment of the Reese River is located in Lander and Nye Counties.*

STANDARDS OF WATER QUALITY

Reese River at State Route 722

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 111. ***The limits of this table apply to the body of water known as the Reese River north of State Route 722 (old U.S. Highway 50). This segment of the Reese River is located in Lander County.***

STANDARDS OF WATER QUALITY

Reese River below State Route 722

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 112. *The limits of this table apply to the body of water known as San Juan Creek from its origin to the national forest boundary. San Juan Creek is located in Nye County.*

STANDARDS OF WATER QUALITY

San Juan Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 113. ***The limits of this table apply to the body of water known as Big Creek from its origin to the east boundary of the United States Forest Service's Big Creek Campground. This segment of Big Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Big Creek at the forest service campground

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 114. *The limits of this table apply to the body of water known as Big Creek from the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M. This segment of Big Creek is located in Lander County.*

STANDARDS OF WATER QUALITY

Big Creek below the forest service campground

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 115. ***The limits of this table apply to the body of water known as Mill Creek from its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M. Mill Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Mill Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 116. *The limits of this table apply to the body of water known as Lewis Creek from its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M. Lewis Creek is located in Lander County.*

STANDARDS OF WATER QUALITY

Lewis Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 117. ***The limits of this table apply to the entire body of water known as Iowa Canyon Reservoir. Iowa Canyon Reservoir is located in Lander County.***

STANDARDS OF WATER QUALITY

Iowa Canyon Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 118. *The limits of this table apply to the body of water known as Starr Creek from the confluence of Ackler and Herder Creeks to the Humboldt River. Starr Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Starr Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 59 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 119. ***There are no designated beneficial uses for select bodies of water within the West Central Region.***

Sec. 120. ***There are no designated standards for water quality for select bodies of water within the West Central Region.***

Sec. 121. ***The designated beneficial uses for select bodies of water within the Truckee Region are prescribed in this section:***

Water Body 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*		
Lake Tahoe	*Existing sampling points.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			*Cold-water fishery*	*section 123 of this regulation*
Lake Tahoe Tributaries	*All tributaries to Lake Tahoe located in Nevada and which are not included in sections 125 to 139, inclusive, of this regulation.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*		*X*		*Cold-water fishery*	*section 124 of this regulation*
Incline Creek, East Fork at ski resort	*From its origin to the ski resort.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*		*X*		*Cold-water fishery*	*section 125 of this regulation*

Water Body 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		
Incline Creek, West Fork at State Highway 431	From its origin to State Highway 431.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 126 of this regulation
Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek	The East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 127 of this regulation
Third Creek, East Fork at State Highway 431	From its origin to State Highway 431.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 128 of this regulation

Water Body 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		
Third Creek, East Fork; Third Creek, West Fork; and Third Creek	The East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 129 of this regulation
Wood Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 130 of this regulation
Second Creek at Second Creek Drive	From its origin to Second Creek Drive.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 131 of this regulation
Second Creek at Lakeshore Drive	From Second Creek Drive to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 132 of this regulation
First Creek at Dale and Knotty Pine Drives	From its origin to Dale and Knotty Pine Drives.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 133 of this regulation
First Creek at Lakeshore Drive	From Dale and Knotty Pine Drives to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 134 of this regulation
Glenbrook Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 135 of this regulation

Water Body 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		
Logan House Creek	From its origin to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 136 of this regulation
Eagle Rock Creek	From its origin to its confluence with Edgewood Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 137 of this regulation
Edgewood Creek at Palisades Drive	From its origin to 50 feet downstream from the culvert at Palisades Drive.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 138 of this regulation
Edgewood Creek at Stateline	From 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 139 of this regulation
Truckee River at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow trout and brown trout	section 140 of this regulation
Truckee River at Idlewild	From the California-Nevada state line to Idlewild.	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow trout and brown trout	section 141 of this regulation

Water Body 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 at East McCarran	From Idlewild to the East McCarran Boulevard Bridge.	X	X	X	X	X	X	X	X				All life stages of mountain whitefish, rainbow trout and brown trout	section 142 of this regulation
Truckee River at Lockwood Bridge	From the East McCarran Boulevard Bridge to the Lockwood Bridge.	X	X	X	X	X	X	X	X				Juvenile and adult rainbow trout and brown trout	section 143 of this regulation
Truckee River at Derby Dam	From the Lockwood Bridge to Derby Dam.	X	X	X	X	X	X	X	X				Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August	section 144 of this regulation

Water Body 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 at the Wadsworth Gage	From Derby Dam to the 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	section 145 of this regulation
Truckee River at Pyramid Lake	From the Wadsworth Gage to the mouth of the Truckee River at 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, from May through June, depending on hydrologic conditions	section 146 of this regulation
Bronco Creek														section 147 of this regulation

Water Body 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		
Gray Creek														section 148 of this regulation
Hunter Creek at Hunter Lake	From its origin to Hunter Lake.	X	X	X	X	X	X		X					section 149 of this regulation
Hunter Lake	The entire lake.	X	X	X	X	X	X		X					section 150 of this regulation
Hunter Creek at the Truckee River	From Hunter Lake to its confluence with the Truckee River.	X	X	X	X	X	X	X	X				Trout	section 151 of this regulation
Washoe Lakes	The entire lakes.	X	X	X	X	X	X	X	X					section 152 of this regulation
Steamboat Creek at the gaging station	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.	X	X	X	X	X	X	X	X					section 153 of this regulation
Steamboat Creek at the Truckee River	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.	X	X	X		X		X	X					section 154 of this regulation
Franktown Creek, upper	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.	X	X	X	X	X	X		X					section 155 of this regulation

Water Body 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		
Franktown Creek at Washoe Lake	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.	X	X	X	X	X	X	X	X				Trout	section 156 of this regulation
Hobart Reservoir and tributaries	The entire system.	X	X	X	X	X	X	X	X				Trout	section 157 of this regulation
Ophir Creek at State Route 429	From its origin to State Route 429 (old U.S. Highway 395).	X	X	X	X	X	X		X					section 158 of this regulation
Ophir Creek at Washoe Lake	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	section 159 of this regulation
Price's Lakes	The entire lakes.	X	X	X	X	X	X		X					section 160 of this regulation
Davis Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 161 of this regulation
Galena Creek, upper	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					section 162 of this regulation
Galena Creek, middle	From the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900 located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	section 163 of this regulation

Water Body 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		
Galena Creek at Steamboat Creek	From gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek.	X	X	X	X	X	X	X	X				Trout	section 164 of this regulation
White's Creek, upper	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					section 165 of this regulation
White's Creek at Steamboat Ditch	Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch.	X	X	X	X	X	X	X	X				Trout	section 166 of this regulation
White's Creek at Steamboat Creek	Below Steamboat Ditch.	X	X	X	X	X	X	X	X					section 167 of this regulation
Lagomarsino Creek	The entire length; also known as Long Valley Creek.	X	X	X		X		X	X					section 168 of this regulation
Tracy Pond	The entire area.	X	X	X	X	X	X	X	X					section 169 of this regulation
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													

Water Body 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		
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 122. *The standards for water quality for select bodies of water within the Truckee Region are prescribed in sections 122 to 169, inclusive, of this regulation.*

Sec. 123. *The limits of this table apply to the body of water known as Lake Tahoe for its existing sampling points. This segment of Lake Tahoe is located in Carson City and Douglas and Washoe Counties.*

STANDARDS OF WATER QUALITY

Lake Tahoe

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	X		
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C ΔT [b] - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0 $\Delta T = 0$			*	X							
pH - SU		S.V. 7.0-8.4	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - % of saturation		S.V. ≥ 90.0	X		*	X	X	X		X			
Chlorides - mg/l		A-Avg. ≤ 3.0 S.V. ≤ 5.0	X		*			X		X			
Soluble Phosphorus - µg/l		A-Avg. ≤ 7.0			*	X	X	X					
Nitrogen Species (as N) - mg/l		Nitrite S.V. ≤ 0.06 Total Nitrogen A-Avg. ≤ 0.25 S.V. ≤ 0.32	X		*			*		X			
Total Soluble Inorganic Nitrogen - µg/l		A-Avg. ≤ 25.0	*	X	X			*		X			
Unionized Ammonia - mg/l		S.V. ≤ 0.003			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 60.0 S.V. ≤ 70.0	X	X				*					
Turbidity		[c]			*						*		
Specific Electrical Conductance µmhos/cm@20°C		A-Avg. ≤ 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		S.V. ≤ 126.0				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Algal Growth Potential		[f]									*		
Sulfate - mg/l		S.V. ≤ 2.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									
Plankton Count - No./ml		Avg. (Jun-Sep) ≤ 100.0 S.V. ≤ 500.0									*		

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above 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.*

Sec. 124. ***The limits of this table apply to the bodies of water known as the Lake Tahoe Tributaries which are located in Nevada and which are not included in sections 125 to 139, inclusive, of this regulation. The Lake Tahoe Tributaries are located in Carson City and Douglas and Washoe Counties.***

STANDARDS OF WATER QUALITY

Lake Tahoe Tributaries

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use*[a]										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*		*X*	
Aquatic Life Species of Concern			*Cold-water fishery.*										
Temperature - °C		*S.V. Oct-May ≤ 10.0* *S.V. Jun-Sep ≤ 20.0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
Dissolved Oxygen - mg/l		*S.V. ≥ 6.0*	*X*		*	*X*	*X*	*X*		*X*			
Chloride - mg/l		*S.V. ≤ 250.0*	*X*		*			*X*		*X*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l		Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU		S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 125. ***The limits of this table apply to the body of water known as the East Fork of Incline Creek from its origin to the ski resort. The East Fork of Incline Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Incline Creek, East Fork at ski resort

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 126. ***The limits of this table apply to the body of water known as the West Fork of Incline Creek from its origin to State Highway 431. The West Fork of Incline Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Incline Creek, West Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l	S.V. ≤ 6.0 A-Avg. ≤ 5.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.9 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 80	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 20	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	A-Avg. ≤ 8.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 127. *The limits of this table apply to the bodies of water known as the East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline*

Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe. These segments of Incline Creek are located in Washoe County.

STANDARDS OF WATER QUALITY

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 8.0 A-Avg. ≤ 6.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 1.8 A-Avg. ≤ 1.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 85 A-Avg. ≤ 70	A-Avg. ≤ 500.0	X	X				*					

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Turbidity - NTU		*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		*S.V. ≤ 126.0*				*	X						
Sulfate - mg/l		*S.V. ≤ 250.0*						*					
Sodium - SAR		*A-Avg. ≤ 8.0*		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

Sec. 128. ***The limits of this table apply to the body of water known as the East Fork of Third Creek from its origin to State Highway 431. The East Fork of Third Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Third Creek, East Fork at State Highway 431

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 65	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 3.0 A-Avg. ≤ 2.0	S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	A-Avg. ≤ 20.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 129. ***The limits of this table apply to the bodies of water know as the East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe. These segments of Third Creek are located in Washoe County.***

STANDARDS OF WATER QUALITY

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 4.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 1.4 A-Avg. ≤ 1.0	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 75 A-Avg. ≤ 55	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		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		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 130. ***The limits of this table apply to the body of water known as Wood Creek from its origin to its confluence with Lake Tahoe. Wood Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Wood Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			*Cold-water fishery.*										
Temperature - °C		*S.V. Oct-May ≤ 10.0* *S.V. Jun-Sep ≤ 20.0*			*	X							
pH - SU	*S.V. 7.0 - 8.2*	*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		*S.V. ≥ 6.0*	X		*	X	X	X		X			
Chloride - mg/l	*S.V. ≤ 5.0* *A-Avg. ≤ 3.0*	*S.V. ≤ 250.0*	X		*			X		X			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.05*			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *S.V. ≤ 0.7* *A-Avg. ≤ 0.5*	*Nitrate S.V. ≤ 10.0* *Nitrite S.V. ≤ 0.06*	X		X			*		X		*	
Unionized Ammonia - mg/l		*S.V. ≤ 0.004*			*			X					
Total Dissolved Solids - mg/l	*S.V. ≤ 70* *A-Avg. ≤ 60*	*A-Avg. ≤ 500.0*	X	X				*					
Turbidity - NTU		*S.V. ≤ 10.0*			*							*	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Suspended Solids - mg/l		S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

Sec. 131. *The limits of this table apply to the body of water known as Second Creek from its origin to Second Creek Drive. This segment of Second Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

Second Creek at Second Creek Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.3 A-Avg. ≤ 0.2	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 70 A-Avg. ≤ 65	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		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		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 132. ***The limits of this table apply to the body of water known as Second Creek from Second Creek Drive to its confluence with Lake Tahoe. This segment of Second Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Second Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 6.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 80 A-Avg. ≤ 60	A-Avg. ≤ 500.0	X	X				*					

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Turbidity - NTU		*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		*S.V. ≤ 126.0*				*	X						
Sulfate - mg/l		*S.V. ≤ 250.0*						*					
Sodium - SAR		*A-Avg. ≤ 8.0*		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 133. ***The limits of this table apply to the body of water known as First Creek from its origin to Dale and Knotty Pine Drives. This segment of First Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

First Creek at Dale and Knotty Pine Drives

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 134. ***The limits of this table apply to the body of water known as First Creek from Dale and Knotty Pine Drives to its confluence with Lake Tahoe. This segment of First Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

First Creek at Lakeshore Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l	S.V. ≤ 4.0 A-Avg. ≤ 3.0	S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l	S.V. ≤ 90 A-Avg. ≤ 75	A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU	S.V. ≤ 9.0 A-Avg. ≤ 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		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 135. ***The limits of this table apply to the body of water known as Glenbrook Creek from its origin to its confluence with Lake Tahoe. Glenbrook Creek is located in Douglas County.***

STANDARDS OF WATER QUALITY

Glenbrook Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.060	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Suspended Solids - mg/l	S.V. ≤ 22.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 136. ***The limits of this table apply to the body of water known as Logan House Creek from its origin to its confluence with Lake Tahoe. Logan House Creek is located in Douglas County.***

STANDARDS OF WATER QUALITY

Logan House Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.035 A-Avg. ≤ 0.035	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.5 A-Avg. ≤ 0.5	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	
Total Suspended Solids - mg/l	S.V. ≤ 11.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 137. ***The limits of this table apply to the body of water known as Eagle Rock Creek from its origin to its confluence with Edgewood Creek. Eagle Rock Creek is located in Douglas County.***

STANDARDS OF WATER QUALITY

Eagle Rock Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.050 A-Avg. ≤ 0.045	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.2 A-Avg. ≤ 0.3	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Suspended Solids - mg/l	S.V. ≤ 12.0 A-Avg. ≤ 12.0	S.V. ≤ 25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤ 75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 138. *The limits of this table apply to the body of water known as Edgewood Creek from its origin to 50 feet downstream from the culvert at Palisades Drive. This segment of Edgewood Creek is located in Douglas County.*

STANDARDS OF WATER QUALITY

Edgewood Creek at Palisades Drive

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun–Sep ≤ 20.0			*	X							

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.100	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.6 A-Avg. ≤ 0.6	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		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		S.V. ≤ 126.0				*	X						
Sulfate - mg/l		S.V. ≤ 250.0						*					
Sodium - SAR		A-Avg. ≤ 8.0		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 139. ***The limits of this table apply to the body of water known as Edgewood Creek from 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe. This segment of Edgewood Creek is located in Douglas County.***

STANDARDS OF WATER QUALITY

Edgewood Creek at Stateline

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of Concern			Cold-water fishery.										
Temperature - °C		S.V. Oct-May ≤ 10.0 S.V. Jun-Sep ≤ 20.0			*	X							
pH - SU	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 250.0	X		*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.065	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (as N) - mg/l	Total Nitrogen S.V. ≤ 0.4	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*			X					
Total Dissolved Solids - mg/l		A-Avg. ≤ 500.0	X	X				*					
Turbidity - NTU		S.V. ≤ 10.0			*							*	

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use*[a]										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Suspended Solids - mg/l	*S.V. ≤ 17.0*	*S.V. ≤ 25.0*			*							*	
Color - PCU	*No increase > 10*	*S.V. ≤ 75.0*						*				*	
E coli - No./100 ml		*S.V. ≤ 126.0*				*	X						
Sulfate - mg/l		*S.V. ≤ 250.0*						*					
Sodium - SAR		*A-Avg. ≤ 8.0*		*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

Sec. 140. ***The limits of this table apply to the body of water known as the Truckee River at the California-Nevada state line. This segment of the Truckee River is located in Washoe County.***

STANDARDS OF WATER QUALITY

Truckee River at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT b - °C	ΔT = 0	S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 22 S.V. Aug ≤ 21 S.V. Sep-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0 ΔpH ± 0.5	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		c			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l	A-Avg. ≤ 15.0	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. ≤ 70.0 S.V. ≤ 85.0	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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 30.0 S.V. ≤ 150.0	≤ 200/400 [e]	X	X		*	X	X		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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 141. ***The limits of this table apply to the body of water known as the Truckee River from the California-Nevada state line to Idlewild. This segment of the Truckee River is located in Washoe County.***

STANDARDS OF WATER QUALITY

Truckee River at Idlewild

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.2 - 8.3	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-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			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 80.0 S.V. ≤ 95.0	A-Avg. ≤ 500	X	X				*					
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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR	A-Avg. ≤ 0.5 S.V. ≤ 0.6	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50.0 S.V. ≤ 200.0	≤ 200/400 [e]	X	X		*	X	X		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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 142. ***The limits of this table apply to the body of water known as the Truckee River from Idlewild to the East McCarran Boulevard Bridge. This segment of the Truckee River is located in Washoe County.***

STANDARDS OF WATER QUALITY

Truckee River at East McCarran

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			All life stages of mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	ΔT = 0	S.V. Nov-Mar ≤ 7 S.V. Apr-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug ≤ 22 S.V. Sep-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	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 (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.3 S.V. ≤ 0.43	Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l	A-Avg. ≤ 15.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 6.0	S.V. ≤ 10			*			X					
Color - PCU	[d]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 90.0 S.V. ≤ 120.0	A-Avg. ≤ 500	X	X				*					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 75.0 S.V. ≤ 350.0	≤ 200/400 [e]	X	X		*	X	X		X			
BOD - mg/l		A-Avg. ≤ 3.0 S.V. ≤ 5.0						*					

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 143. ***The limits of this table apply to the body of water known as the Truckee River from the East McCarran Boulevard Bridge to the Lockwood Bridge. This segment of the Truckee River is located in Storey and Washoe Counties.***

STANDARDS OF WATER QUALITY

Truckee River at Lockwood Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Juvenile and adult rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Mar ≤ 13 S.V. Apr ≤ 21 [c] S.V. May ≤ 22 [c,d] S.V. Jun-Oct ≤ 23 [c,d]			*	X							
ΔT [b] - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.1 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l		Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 210.0 S.V. ≤ 260.0	A-Avg. ≤ 500	X	X				*					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 90.0 S.V. ≤ 300.0	≤ 200/400[g]	X	X		*	X	X		X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

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

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

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

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

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

[g] *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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 144. ***The limits of this table apply to the body of water known as the Truckee River from the Lockwood Bridge to Derby Dam. This segment of the Truckee River is located in Storey and Washoe Counties.***

STANDARDS OF WATER QUALITY

Truckee River at Derby Dam

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August.*										
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. Nov-Mar ≤ 13* *S.V. Apr ≤ 21 [c]* *S.V. May ≤ 22 [c,d]* *S.V. Jun-Oct ≤ 23 [c,d]* *ΔT ≤ 2*			*	X							
pH - SU	*S.V. 7.0 - 8.6*	*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.05*			*	*	X	X					
Nitrogen Species (as N) - mg/l		*Total N A-Avg. ≤ 0.75* *Total N S.V. ≤ 1.2* *Nitrate S.V. ≤ 2.0* *Nitrite S.V. ≤ 0.04*			*	*	X	X					
Total Ammonia (as N) - mg/l		*e*			*								
Dissolved Oxygen - mg/l		*S.V. Nov-Mar ≥ 6.0* *S.V. Apr-Oct ≥ 5.0*	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l	A-Avg. ≤ 24.0 S.V. ≤ 40.0	S.V. ≤ 50			*								
Turbidity - NTU	A-Avg. ≤ 8.0	S.V. ≤ 10			*			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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 80.0 S.V. ≤ 250	≤ 200/400 [g]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

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

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

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

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

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

[g] *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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 145. ***The limits of this table apply to the body of water known as the Truckee River from Derby Dam to the Wadsworth Gage. This segment of the Truckee River is located in Storey and Washoe Counties.***

STANDARDS OF WATER QUALITY

Truckee River at the 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			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		S.V. Nov-Mar ≤ 13 [c] S.V. Apr-Jun ≤ 14 [c] S.V. Jul-Oct ≤ 25 [d]			*	X							
ΔT [b] - °C	ΔT = 0	ΔT ≤ 2											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.1 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l		Total N A-Avg. ≤ 0.75 Total N S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04			*	*	X	X					
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Mar ≥ 6.0 S.V. Apr-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	[f]	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 245.0 S.V. ≤ 310.0	A-Avg. ≤ 500	X	X				*					
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					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 250	≤ 200/400 [g]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above 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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 146. *The limits of this table apply to the body of water known as the Truckee River from the Wadsworth Gage to the mouth of the Truckee River at Pyramid Lake. This segment of the Truckee River is located in Washoe County.*

STANDARDS OF WATER QUALITY

Truckee River at 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			*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 *ΔT [b] - °C*	*ΔT = 0*	*S.V. Nov-Mar ≤ 13 [c]* *S.V. Apr-Jun ≤ 14 [c]* *S.V. Jul-Oct ≤ 25 [d]* *ΔT ≤ 2*			*	*X*							
pH - SU	*S.V. 7.3 - 9.0*	*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	*X*	*X*	*X*	*		*X*	*X*	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.05*			*	*	*X*	*X*					
Nitrogen Species (as N) - mg/l		*Total N A-Avg. ≤ 0.75* *Total N S.V. ≤ 1.2* *Nitrate S.V. ≤ 2.0* *Nitrite S.V. ≤ 0.04* *Ammonia S.V. ≤ 0.02 (unionized)*			*	*	*X*	*X*					
Dissolved Oxygen - mg/l		*S.V. Nov-Jun ≥ 6.0* *S.V. Jul-Oct ≥ 5.0*	*X*		*	*X*	*X*	*X*		*X*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l	A-Avg. ≤ 25.0	S.V. ≤ 50			*								
Turbidity - NTU		S.V. ≤ 10			*			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		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	AGM ≤ 40 S.V. ≤ 250	≤ 200/400[f]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 147. *The limits of this table apply to the body of water known as Bronco Creek. Bronco Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

Bronco 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													
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		Avg. Jun-Sep ≤ 20.0 S.V. Summer ≤ 25.0 S.V. Winter ≤ 13.0 ΔT = 0											
pH - SU		Annual Median 7.0 - 8.5 S.V. 6.5 - 8.5											
Total Phosphates (as PO_4) - mg/l		A-Avg. ≤ 0.3 S.V. ≤ 0.4											
Nitrogen Species (as NO_3) - mg/l		Nitrates S.V. ≤ 2.0											
Dissolved Oxygen - mg/l		Avg. Jun-Sep ≥ 7.0 S.V. ≥ 6.0											
Turbidity - JTU		[c]											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Color - PCU		[d]											
Total Dissolved Solids - mg/l		A-Avg. ≤ 225.0 S.V. ≤ 300.0											
Chlorides - mg/l		S.V. ≤ 15.0											
Fecal Coliform - No./100 ml		[e]											

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above 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 more stringent of the following apply:*

[1] *The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.*

Sec. 148. ***The limits of this table apply to the body of water known as Gray Creek. Gray Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Gray 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													
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*Avg. Jun-Sep ≤ 20.0* *S.V. Summer ≤ 25.0* *S.V. Winter ≤ 13.0* *ΔT = 0*											
pH - SU		*Annual Median 7.0 - 8.5* *S.V. 6.5 - 8.5*											
Phosphates (as PO_4) - mg/l		*A-Avg. ≤ 0.3* *S.V. ≤ 0.4*											
Nitrogen Species (as NO_3) - mg/l		*Nitrates S.V. ≤ 3.0*											
Dissolved Oxygen - mg/l		*Avg. Jun-Sep ≥ 8.0* *S.V. ≥ 7.0*											
Turbidity - JTU		*c*											
Color - PCU		*d*											
Total Dissolved Solids - mg/l		*A-Avg. ≤ 125.0* *S.V. ≤ 165.0*											
Chlorides - mg/l		*S.V. ≤ 10.0*											
Fecal Coliform - No./100 ml		*e*											

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above 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 more stringent of the following apply:*

[1] *The fecal coliform concentration must not exceed a geometric mean of 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.*

Sec. 149. ***The limits of this table apply to the body of water known as Hunter Creek from its origin to Hunter Lake. This segment of Hunter Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Hunter Creek at Hunter Lake

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 150. *The limits of this table apply to the entire body of water known as Hunter Lake. Hunter Lake is located in Washoe County.*

STANDARDS OF WATER QUALITY

Hunter Lake

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 151. ***The limits of this table apply to the body of water known as Hunter Creek from Hunter Lake to its confluence with the Truckee River. This segment of Hunter Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Hunter Creek at the Truckee River

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 152. *The limits of this table apply to the entire body of water known as Washoe Lakes. Washoe Lakes is located in Washoe County.*

STANDARDS OF WATER QUALITY

Washoe Lakes

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - ℃ *ΔT[b] - ℃*		*S.V. ≤ 34* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 153. ***The limits of this table apply to the body of water known as Steamboat Creek from Little Washoe Lake to gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M. This segment of Steamboat Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Steamboat Creek at the gaging station

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 154. *The limits of this table apply to the body of water known as Steamboat Creek from gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E.,*

M.D.B. & M., to its confluence with the Truckee River. This segment of Steamboat Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Steamboat Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

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

Sec. 155. *The limits of this table apply to the body of water known as Franktown Creek from its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M. This segment of Franktown Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

Franktown Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 156. ***The limits of this table apply to the body of water known as Franktown Creek from the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M., to Washoe Lake. This segment of Franktown Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Franktown Creek at Washoe Lake

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 157. *The limits of this table apply to the entire system known as Hobart Reservoir and its tributaries. Hobart Reservoir and its tributaries are located in Washoe County.*

STANDARDS OF WATER QUALITY

Hobart Reservoir and tributaries

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 158. ***The limits of this table apply to the body of water known as Ophir Creek from its origin to State Route 429 (old U.S. Highway 395). This segment of Ophir Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Ophir Creek at State Route 429

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 159. *The limits of this table apply to the body of water known as Ophir Creek from State Route 429 (old U.S. Highway 395) to Washoe Lake. This segment of Ophir Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

Ophir Creek at Washoe Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 160. ***The limits of this table apply to the entire body of water known as Price's Lakes. Price's Lakes is located in Washoe County.***

STANDARDS OF WATER QUALITY

Price's Lakes

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 161. *The limits of this table apply to the entire body of water known as Davis Lake. Davis Lake is located in Washoe County.*

STANDARDS OF WATER QUALITY

Davis Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 162. ***The limits of this table apply to the body of water known as Galena Creek from its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Galena Creek, upper

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 163. *The limits of this table apply to the body of water known as Galena Creek from the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M. This segment of Galena Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

Galena Creek, middle

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 164. ***The limits of this table apply to the body of water known as Galena Creek from gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek. This segment of Galena Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

Galena Creek at Steamboat Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 165. *The limits of this table apply to the body of water known as White's Creek from its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. This segment of White's Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

White's Creek, upper

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 166. ***The limits of this table apply to the body of water known as White's Creek below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch. This segment of White's Creek is located in Washoe County.***

STANDARDS OF WATER QUALITY

White's Creek at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - ℃ ΔT[b] - ℃		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 121 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 167. *The limits of this table apply to the body of water known as White's Creek below Steamboat Ditch. This segment of White's Creek is located in Washoe County.*

STANDARDS OF WATER QUALITY

White's Creek at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 121 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 168. ***The limits of this table apply to the entire body of water known as Lagomarsino Creek, also known as Long Valley Creek. Lagomarsino Creek is located in Storey County.***

STANDARDS OF WATER QUALITY

Lagomarsino Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.*

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

Sec. 169. *The limits of this table apply to the entire area known as Tracy Pond. Tracy Pond is located in Storey County.*

STANDARDS OF WATER QUALITY

Tracy Pond

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 121 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 170. ***There are no designated beneficial uses for select bodies of water within the Western Region.***

Sec. 171. ***There are no designated standards for water quality for select bodies of water within the Western Region.***

Sec. 172. ***The designated beneficial uses for select bodies of water within the Carson Region are prescribed in this section:***

Water Body Name	*Segment Description*	*Beneficial Uses*											*Aquatic Species of Concern*	*Water Quality Standard NAC Reference*
		Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*		
Carson River, West Fork at the state line	*At the California-Nevada state line.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Rainbow trout and brown trout*	*section 174 of this regulation*

Water Body 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		
Bryant Creek near the state line	From the California-Nevada state line to its confluence with the East Fork of the Carson River.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 175 of this regulation
Carson River, East Fork, at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 176 of this regulation
Carson River, East Fork at U.S. Highway 395 south of Gardnerville	From the California-Nevada state line to the Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 177 of this regulation
Carson River, East Fork at Muller Lane	From the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 178 of this regulation
Carson River at Genoa Lane	The East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	section 179 of this regulation

Water Body 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 at Cradlebaugh Bridge	From Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge.	X	X	X	X	X	X	X	X				Catfish, rainbow trout and brown trout	section 180 of this regulation
Carson River at the Mexican Ditch Gage	From U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 181 of this regulation
Carson River near New Empire	From the Mexican Ditch Gage to New Empire.	X	X	X	X	X	X	X	X				Smallmouth bass, rainbow trout and brown trout	section 182 of this regulation
Carson River at Dayton Bridge	From New Empire to the Dayton Bridge.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 183 of this regulation
Carson River at Weeks	From the Dayton Bridge to the U.S. Highway 95 Alt Bridge at Weeks.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 184 of this regulation
Carson River at Lahontan Dam	From the U.S. Highway 95 Alt Bridge at Weeks to Lahontan Dam.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 185 of this regulation
Lower Carson River	From Lahontan Reservoir to the Carson Sink (the natural channel).	X	X	X	X	X	X	X	X					section 186 of this regulation
Daggett Creek	From its origin to the Carson River.	X	X	X	X	X	X		X					section 187 of this regulation

Water Body 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		
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					section 188 of this regulation
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					section 189 of this regulation
Clear Creek at the gaging station	From its origin to gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					section 190 of this regulation
Clear Creek at the Carson River	From gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M., to the Carson River.	X	X	X	X	X	X	X	X				Trout	section 191 of this regulation
Kings Canyon	From its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X		X					section 192 of this regulation

Water Body 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		
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					section 193 of this regulation
V-Line Canal	From the Carson diversion dam to its division into the S and L Canals.	X	X	X	X	X	X	X	X					section 194 of this regulation
Rattlesnake Reservoir	The entire reservoir; also known as S-Line Reservoir.	X	X	X	X	X	X	X	X					section 195 of this regulation
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					section 196 of this regulation
Diagonal Drain	Its entire length.	X	X	X	X	X	X	X	X					section 197 of this regulation
South Carson Lake	The entire lake; also known as Government Pasture and the Greenhead Gun Club.	X	X	X	X	X	X	X	X					section 198 of this regulation
Harmon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 199 of this regulation

Water Body 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		
Stillwater Marsh east of Westside Road	East of Westside Road and north of the community of Stillwater.	X	X	X	X	X	X	X	X					section 200 of this regulation
Stillwater Marsh west of Westside Road	West of Westside Road and south of the community of Stillwater.	X	X	X		X		X	X					section 201 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 173. *The standards for water quality for select bodies of water within the Carson Region are prescribed in sections 173 to 201, inclusive, of this regulation.*

Sec. 174. *The limits of this table apply to the body of water known as the West Fork of the Carson River at the California-Nevada state line. This segment of the West Fork of the Carson River is located in Douglas County.*

STANDARDS OF WATER QUALITY

Carson River, West Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.4 - 8.4	S.V. 6.5 - 9.0 ΔpH ±0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.016 S.V. ≤ 0.033	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 5.0 S.V. Jun-Oct ≥ 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤ 15	S.V. ≤ 25			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 105	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 175. *The limits of this table apply to the body of water known as Bryant Creek from the California-Nevada state line to its confluence with the East Fork of the Carson River. This segment of Bryant Creek is located in Douglas County.*

STANDARDS OF WATER QUALITY

Bryant Creek near the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 $\Delta T = 0$	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.036 S.V. ≤ 0.05	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU	d	S.V. ≤ 75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 375 S.V. ≤ 420	A-Avg. ≤ 500	X	X				*					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 90	≤ 200/400 e	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

a Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 176. ***The limits of this table apply to the body of water known as the East Fork of the Carson River at the California-Nevada state line. This segment of the East Fork of the Carson River is located in Douglas County.***

STANDARDS OF WATER QUALITY

Carson River, East Fork at the state line

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.03 S.V. ≤ 0.065	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 1.1	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 40 S.V. ≤ 60	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 177. ***The limits of this table apply to the body of water known as the East Fork of the Carson River from the California-Nevada state line to the Riverview Mobile Home Park at U.S. Highway 395 south of Gardnerville. This segment of the East Fork of the Carson River is located in Douglas County.***

STANDARDS OF WATER QUALITY

Carson River, East Fork at U.S. Highway 395 south of Gardnerville

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-May ≤ 13 S.V. Jun ≤ 17 S.V. Jul ≤ 21 S.V. Aug-Oct ≤ 22			*	X							
ΔT [b] - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.4 S.V. ≤ 0.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 20 S.V. ≤ 85	≤ 200/400 [e]	X	X		*	X	X		X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 178. ***The limits of this table apply to the body of water known as the East Fork of the Carson River from the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane. This segment of the East Fork of the Carson River is located in Douglas County.***

STANDARDS OF WATER QUALITY

Carson River, East Fork at Muller Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-May ≤ 13 °C S.V. Jun ≤ 17 °C S.V. Jul ≤ 21 °C S.V. Aug-Oct ≤ 22 °C			*	X							
ΔT[b] - °C	ΔT = 0	ΔT ≤ 2 °C											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU	S.V. 7.4 - 8.7	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.5 S.V. ≤ 0.8	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 50	≤ 200/400 [e]	X	X		*	X	X		X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 179. ***The limits of this table apply to the bodies of water known as the Carson River, including the East Fork of the Carson River from Muller Lane to the West Fork, the West Fork of the Carson River from the California-Nevada state line to the East Fork, and the main stem of the Carson River from the confluence of the East and West Forks to Genoa Lane. These segments of the Carson River are located in Douglas County.***

STANDARDS OF WATER QUALITY

Carson River at Genoa Lane

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT [b] - °C	ΔT = 0	ΔT ≤ 2											
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total 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		< 25% change from natural conditions			*					X			
E Coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 180	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

a Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 180. *The limits of this table apply to the body of water known as the Carson River from Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge. This segment of the Carson River is located in Douglas County.*

STANDARDS OF WATER QUALITY

Carson River at Cradlebaugh Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Catfish, rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.5 - 8.4	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.85 S.V. ≤ 1.2	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total 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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 181. *The limits of this table apply to the body of water known as the Carson River from U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage. This segment of the Carson River is located in Carson City and Douglas County.*

STANDARDS OF WATER QUALITY

Carson River at the Mexican Ditch Gage

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.4 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.3	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-Apr ≥ 6.0 S.V. 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						*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Usea										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 110 S.V. ≤ 295	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 182. ***The limits of this table apply to the body of water known as the Carson River from the Mexican Ditch Gage to New Empire. This segment of the Carson River is located in Carson City.***

STANDARDS OF WATER QUALITY

Carson River near New Empire

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Smallmouth bass, rainbow trout and brown trout.*										
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. Nov-May ≤ 18* *S.V. Jun-Oct ≤ 23* *ΔT ≤ 2*			*	X							
pH - SU	*S.V. 7.4 - 8.4*	*S.V. 6.5 - 9.0* *ΔpH ±0.5*	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.10*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 1.3* *S.V. ≤ 1.7*	*Nitrate S.V. ≤ 10* *Nitrite S.V. ≤ 0.06*	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 183. ***The limits of this table apply to the body of water known as the Carson River from New Empire to the Dayton Bridge. This segment of the Carson River is located in Carson City and Lyon County.***

STANDARDS OF WATER QUALITY

Carson River at Dayton Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT[b] - °C	 ΔT = 0	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.5 - 8.6	S.V. 6.5 - 9.0 ΔpH ±0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.6	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 280	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 184. ***The limits of this table apply to the body of water known as the Carson River from the Dayton Bridge to the U.S. Highway 95 Alt Bridge at Weeks. This segment of the Carson River is located in Lyon County.***

STANDARDS OF WATER QUALITY

Carson River 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 ΔT ≤ 2			*	X							
pH - SU	S.V. 7.5 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.1	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 90 S.V. ≤ 240	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 185. ***The limits of this table apply to the body of water known as the Carson River from the U.S. Highway 95 Alt Bridge at Weeks to Lahontan Dam. This segment of the Carson River is located in Churchill and Lyon Counties.***

STANDARDS OF WATER QUALITY

Carson River at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Walleye, channel catfish and white bass.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Mar ≤ 11 S.V. Apr-Jun ≤ 24 S.V. Jul-Oct ≤ 28 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		S.V. ≤ 0.06			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 25 S.V. ≤ 75	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 186. *The limits of this table apply to the body of water known as the Lower Carson River from Lahontan Reservoir to the Carson Sink (the natural channel). This segment of the Lower Carson River is located in Churchill County.*

STANDARDS OF WATER QUALITY

Lower Carson River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 187. *The limits of this table apply to the body of water known as Daggett Creek from its origin to the Carson River. Daggett Creek is located in Douglas County.*

STANDARDS OF WATER QUALITY

Daggett Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 188. ***The limits of this table apply to the body of water known as Genoa Creek from its origin to the first diversion box at the mouth of the canyon, near the east line of section 9, T. 13 N., R. 19 E., M.D.B. & M. Genoa Creek is located in Douglas County.***

STANDARDS OF WATER QUALITY

Genoa Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 189. *The limits of this table apply to the body of water known as Sierra Canyon Creek from its origin to the first diversion structure at the mouth of the canyon, near the east line of section 4, T. 13 N., R. 19 E., M.D.B. & M. Sierra Canyon Creek is located in Douglas County.*

STANDARDS OF WATER QUALITY

Sierra Canyon Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 190. ***The limits of this table apply to the body of water known as Clear Creek from its origin to gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M. This segment of Clear Creek is located in Carson City and Douglas County.***

STANDARDS OF WATER QUALITY

Clear Creek at the gaging station

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 191. *The limits of this table apply to the body of water known as Clear Creek from gaging station number 10-3105, located in the NE 1/4 of the NW 1/4 of section 1, T. 14 N., R. 19 E., M.D.B. & M., to the Carson River. This segment of Clear Creek is located in Carson City and Douglas County.*

STANDARDS OF WATER QUALITY

Clear Creek at the Carson River

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 192. ***The limits of this table apply to the body of water known as Kings Canyon from its origin to the point of diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M. Kings Canyon is located in Carson City.***

STANDARDS OF WATER QUALITY

Kings Canyon

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 193. *The limits of this table apply to the body of water known as Ash Canyon from its origin to the first point of diversion of the Carson City Water Department, near the west line of section 12, T. 15 N., R. 19 E., M.D.B. & M. Ash Canyon is located in Carson City.*

STANDARDS OF WATER QUALITY

Ash Canyon

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*		*X*			
Aquatic Life Species of Concern													
Temperature - °C		*S.V. ≤ 20*			*	*X*							
ΔT [b] - °C		*ΔT = 0*											
pH - SU		*S.V. 6.5 - 9.0*	*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]			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 194. ***The limits of this table apply to the body of water known as V-Line Canal from the Carson diversion dam to its division into the S and L Canals. V-Line Canal is located in Churchill County.***

STANDARDS OF WATER QUALITY

V-Line Canal

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 195. *The limits of this table apply to the entire body of water known as Rattlesnake Reservoir, also known as S-Line Reservoir. Rattlesnake Reservoir is located in Churchill County.*

STANDARDS OF WATER QUALITY

Rattlesnake Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 196. ***The limits of this table apply to the body of water known as Indian Lakes, including Upper Lake, Likes Lake, Papoose Lake, Big Indian Lake, Little Cottonwood Lake, Big Cottonwood Lake and East Lake. Indian Lakes is located in Churchill County.***

STANDARDS OF WATER QUALITY

Indian Lakes

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 197. *The limits of this table apply to the entire body of water known as Diagonal Drain. Diagonal Drain is located in Churchill County.*

STANDARDS OF WATER QUALITY

Diagonal Drain

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 198. ***The limits of this table apply to the entire body of water known as South Carson Lake, also known as Government Pasture and the Greenhead Gun Club. South Carson Lake is located in Churchill County.***

STANDARDS OF WATER QUALITY

South Carson Lake

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 199. *The limits of this table apply to the entire body of water known as Harmon Reservoir. Harmon Reservoir is located in Churchill County.*

STANDARDS OF WATER QUALITY

Harmon Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*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]			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	*X*	*X*				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 200. ***The limits of this table apply to the body of water known as Stillwater Marsh east of Westside Road and north of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.***

STANDARDS OF WATER QUALITY

Stillwater Marsh east of Westside Road

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 172 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 201. *The limits of this table apply to the body of water known as Stillwater Marsh west of Westside Road and south of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.*

STANDARDS OF WATER QUALITY

Stillwater Marsh west of Westside Road

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*		*X*		*X*	*X*			
Aquatic Life Species of Concern													
pH - SU		*S.V. 6.0 - 9.0*	*X*	*X*	*				*X*	*			
Dissolved Oxygen - mg/l		*S.V. ≥ 3.0*	*X*		*		*X*			*X*			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		*AGM ≤ 630*					*						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 172 of this regulation for beneficial use terminology.*

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

Sec. 202. ***The designated beneficial uses for select bodies of water within the Walker Region are prescribed in this section:***

Water Body 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 Fork Walker River at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 204 of this regulation
Topaz Lake	At various points in Topaz Lake.	X	X	X	X	X	X	X	X				Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon	section 205 of this regulation
West Fork Walker River near Wellington	From the California-Nevada state line to near Wellington.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 206 of this regulation
West Fork Walker River at the East Fork Walker River	Near Wellington to its confluence with the East Fork Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	section 207 of this regulation
Sweetwater Creek	From the California-Nevada state line to its confluence with the East Fork Walker River.	X	X	X	X	X	X	X	X				Mountain whitefish, brown trout, brook trout and rainbow trout	section 208 of this regulation

Water Body 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		
East Fork Walker River at the state line	At the California-Nevada state line.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 209 of this regulation
East Fork Walker River at Bridge B-1475	From the California-Nevada state line to Bridge B-1475.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 210 of this regulation
East Fork Walker River at the West Fork Walker River	From Bridge B-1475 to its confluence with the West Fork Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	section 211 of this regulation
Walker River at the inlet to Weber Reservoir	From the confluence of the East Fork Walker River and the West Fork Walker River to the inlet to Weber Reservoir.	X	X	X	X	X	X	X	X				Channel catfish and largemouth bass	section 212 of this regulation

Water Body 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 River at Schurz Bridge	From Weber Reservoir 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	section 213 of this regulation
Walker Lake	The entire lake.			X	X	X			X				Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout	section 214 of this regulation
Desert Creek	From the California-Nevada state line to its confluence with the West Fork Walker River.	X	X	X	X	X	X	X	X				Brown trout, brook trout and rainbow trout	section 215 of this regulation

Water Body 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		
Mason Valley Wildlife Management Area Bass, Crappie and North Ponds and Hinkson Slough	Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X				Trout	section 216 of this regulation
Mason Valley Wildlife Management Area	All surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X					section 217 of this regulation
Weber Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 218 of this regulation
Cottonwood Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 34, T. 9 N., R. 28 E., M.D.B. & M.	X	X	X	X	X	X		X					section 219 of this regulation
Squaw Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					section 220 of this regulation

Water Body 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		
Rose Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					section 221 of this regulation
Corey Creek	From its origin to the point of diversion of the town of Hawthorne, near the west line of section 3, T. 7 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X		X					section 222 of this regulation

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

Sec. 203. ***The standards for water quality for select bodies of water within the Walker Region are prescribed in sections 203 to 222, inclusive, of this regulation.***

Sec. 204. ***The limits of this table apply to the body of water known as the West Fork Walker River at the California-Nevada state line. This segment of the West Fork Walker River is located in Douglas County.***

STANDARDS OF WATER QUALITY

West Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	S.V. Jul-Oct ≤ 22 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.9	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 165 S.V. ≤ 220	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 15 S.V. ≤ 20	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 205. *The limits of this table apply to the body of water known as Topaz Lake at various points in Topaz Lake. Topaz Lake is located in Douglas County.*

STANDARDS OF WATER QUALITY

Topaz Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Rainbow trout, cutthroat trout, brown trout, kokanee salmon and silver salmon.										
Temperature - °C ΔT [b] - °C	ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05 S.V. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct [d] ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l	A-Avg. ≤ 6.0 S.V. ≤ 9.0	S.V. ≤ 25			*								
Turbidity - NTU	A-Avg. ≤ 3.0 S.V. ≤ 5.0	[e]			*			X					
Color - PCU	S.V. ≤ 21	S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 105 S.V. ≤ 120	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 7 S.V. ≤ 10	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 25	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 dissolved oxygen standard from June to October applies only to the epilimnion.

[e] Increase in turbidity must not be more than 10 NTU above natural conditions.

Sec. 206. *The limits of this table apply to the body of water known as the West Fork Walker River from the California-Nevada state line to near Wellington. This segment of the West Fork Walker River is located in Douglas and Lyon Counties.*

STANDARDS OF WATER QUALITY

West Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.07 S.V. ≤ 0.10	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 1.0	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 175 S.V. ≤ 260	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 16 S.V. ≤ 30	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 207. ***The limits of this table apply to the body of water known as the West Fork Walker River near Wellington to its confluence with the East Fork Walker River near Nordyke Road. This segment of the West Fork Walker River is located in Lyon County.***

STANDARDS OF WATER QUALITY

West Fork Walker River at the East Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.15	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.0 S.V. ≤ 1.2	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU	S.V. ≤ 46	S.V. ≤ 75			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 330 S.V. ≤ 425	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 22 S.V. ≤ 28	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 74	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 208. ***The limits of this table apply to the body of water known as Sweetwater Creek from the California-Nevada state line to its confluence with the East Fork Walker River. Sweetwater Creek is located in Lyon County.***

STANDARDS OF WATER QUALITY

Sweetwater Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Mountain whitefish, brown trout, brook trout and rainbow trout.*										
Temperature - °C *ΔT[b] - °C*	*ΔT = 0*	*S.V. Nov-Apr ≤ 13* *S.V. May-Jun ≤ 17* *S.V. Jul-Oct ≤ 23* *ΔT ≤ 2*			*	X							
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 0.25* *S.V. ≤ 0.45*	*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* *S.V. 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*			X			*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	A-Avg. ≤ 220 S.V. ≤ 300	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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 209. ***The limits of this table apply to the body of water known as the East Fork Walker River at the California-Nevada state line. This segment of the East Fork Walker River is located in Lyon County.***

STANDARDS OF WATER QUALITY

East Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Mountain whitefish, rainbow trout and brown trout.*										
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. Nov-Apr ≤ 13* *S.V. May-Jun ≤ 17* *S.V. Jul-Oct ≤ 23* *ΔT ≤ 2*			*	X							
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.1*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 0.8* *S.V. ≤ 1.4*	*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* *S.V. 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*			X			*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	A-Avg. ≤ 175 S.V. ≤ 210	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. ≤ 26	S.V. ≤ 250						*					
Sodium - SAR	A-Avg. ≤ 2	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 210. ***The limits of this table apply to the body of water known as the East Fork Walker River from the California-Nevada state line to Bridge B-1475. This segment of the East Fork Walker River is located in Lyon County.***

STANDARDS OF WATER QUALITY

East Fork Walker River at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Mountain whitefish, rainbow trout and brown trout.										
Temperature - °C ΔT[b] - °C	ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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			X			*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	A-Avg. ≤ 320 S.V. ≤ 390	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 13 S.V. ≤ 19	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 211. ***The limits of this table apply to the body of water known as the East Fork Walker River from Bridge B-1475 to its confluence with the West Fork Walker River near Nordyke Road. This segment of the East Fork Walker River is located in Lyon County.***

STANDARDS OF WATER QUALITY

East Fork Walker River at the West Fork 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout and rainbow trout.										
Temperature - °C ΔT [b] - °C	ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.16 S.V. ≤ 0.39			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 320 S.V. ≤ 390	A-Avg. ≤ 500	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chlorides - mg/l	A-Avg. ≤ 13 S.V. ≤ 19	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	S.V. ≤ 44	S.V. ≤ 250						*					
Sodium - SAR		A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 212. ***The limits of this table apply to the body of water known as the Walker River from the confluence of the East Fork Walker River and the West Fork Walker River to the inlet to Weber Reservoir. This segment of the Walker River is located in Lyon County.***

STANDARDS OF WATER QUALITY

Walker River at 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish and largemouth bass.										
Temperature - °C ΔT [b] - °C	ΔT = 0	S.V. Nov-Mar ≤ 13 S.V. Apr-Jun ≤ 23 [c] S.V. Jul-Oct ≤ 28 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.26 S.V. ≤ 0.40			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1 [d]	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[e]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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			X			*					
Total Dissolved Solids - mg/l	A-Avg. ≤ 400 S.V. ≤ 450	A-Avg. ≤ 500	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chlorides - mg/l	A-Avg. ≤ 30 S.V. ≤ 35	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤ 95 S.V. ≤ 110	S.V. ≤ 250						*					
Sodium - SAR	S.V. ≤ 3	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

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

[c] *The temperature beneficial use standard is ≤ 21°C from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to Weber Reservoir.*

[d] *The nitrite beneficial use standard is ≤ 0.06 mg/l from February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to the Weber Reservoir.*

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

[f] *Increase in turbidity must not be more than 10 NTU above natural conditions.*

Sec. 213. *The limits of this table apply to the Walker River from Weber Reservoir to the inlet to Walker Lake. This segment of the Walker River is located in Mineral County.*

STANDARDS OF WATER QUALITY

Walker River at Schurz 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Channel catfish, largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout.										
Temperature - °C ΔT [b] - °C	ΔT = 0	S.V. Nov-Mar ≤ 13 S.V. Apr-Jun ≤ 23 [c] S.V. Jul-Oct ≤ 28 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.17 S.V. ≤ 0.23			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.2 S.V. ≤ 1.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0 [d] Ammonia (un-ionized) ≤ 0.06	X		*	X	X	*		X			
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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			X			*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	A-Avg. ≤ 390 S.V. ≤ 570	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 23 S.V. ≤ 34	S.V. ≤ 250	X	X				*		X			
Sulfate - mg/l		S.V. ≤ 250						*					
Sodium - SAR	S.V. ≤ 3	A-Avg. ≤ 8		*				X					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water 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.*

Sec. 214. ***The limits of this table apply to the entire body of water known as Walker Lake. Walker Lake is located in Mineral County.***

STANDARDS OF WATER QUALITY

Walker Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses					X	X	X			X			
Aquatic Life Species of Concern			Tui chub, Tahoe sucker, and adult and juvenile Lahontan cutthroat trout.										
Temperature - °C ΔT [b] - °C		ΔT ≤ 2			*								
pH - SU		S.V. 6.5 - 9.7			*	X				X			
Total Phosphates (as P) - mg/l		S.V. ≤ 0.82			*								
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen S.V. ≤ 0.3	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 0.06			*					X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5 [d]			*	X	X			X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 202 of this regulation 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.*

Sec. 215. *The limits of this table apply to the body of water known as Desert Creek from the California-Nevada state line to its confluence with the West Fork Walker River. Desert Creek is located in Douglas and Lyon Counties.*

STANDARDS OF WATER QUALITY

Desert Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Brown trout, brook trout and rainbow trout.										
Temperature - °C ΔT [b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	*	*		X	X	X			
Total Phosphates (as P) - mg/l	S.V. ≤ 0.13	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.20 S.V. ≤ 0.27	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 80			*								
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤ 75			X			*					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

Sec. 216. *The limits of this table apply to the bodies of water in the Mason Valley Wildlife Management Area known as Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.*

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area:

Bass, Crappie and North Ponds and Hinkson Slough

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - ℃ ΔT[b] - ℃		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 217. ***The limits of this table apply to the body of water known as the Mason Valley Wildlife Management Area for all surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of the Mason Valley Wildlife Management Area is located in Lyon County.***

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 34* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 218. ***The limits of this table apply to the entire body of water known as Weber Reservoir. Weber Reservoir is located in Lyon and Mineral Counties.***

STANDARDS OF WATER QUALITY

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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 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 section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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 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.

Sec. 219. *The limits of this table apply to the body of water known as Cottonwood Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 34, T. 9 N., R. 28 E., M.D.B. & M. This segment of Cottonwood Creek is located in Mineral County.*

STANDARDS OF WATER QUALITY

Cottonwood Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 220. ***The limits of this table apply to the body of water known as Squaw Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 33, T. 9 N., R. 29 E., M.D.B. & M. Squaw Creek is located in Mineral County.***

STANDARDS OF WATER QUALITY

Squaw Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 202 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 221. ***The limits of this table apply to the body of water known as Rose Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 4, T. 8 N., R. 29 E., M.D.B. & M. Rose Creek is located in Mineral County.***

STANDARDS OF WATER QUALITY

Rose Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 202 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 222. *The limits of this table apply to the body of water known as Corey Creek from its origin to the point of diversion of the town of Hawthorne, near the west line of section 3, T. 7 N., R. 29 E., M.D.B. & M. Corey Creek is located in Mineral County.*

STANDARDS OF WATER QUALITY

Corey Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - ℃ *ΔT[b] - ℃*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]*			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 202 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 223. ***The designated beneficial uses for select bodies of water within the Central Region are prescribed in this section:***

Water Body Name	*Segment Description*	*Beneficial Uses*											*Aquatic Species of Concern*	*Water Quality Standard NAC Reference*
		Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*		
Chiatovich Creek	*Above the highway maintenance station.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 225 of this regulation*
Indian Creek	*Above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 226 of this regulation*
Leidy Creek	*Above the hydroelectric plant.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 227 of this regulation*
Fish Lake	*The entire lake.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 228 of this regulation*
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*					*section 229 of this regulation*
Willow Creek Reservoir	*The entire reservoir.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Trout*	*section 230 of this regulation*

Water Body 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		
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					section 231 of this regulation
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 232 of this regulation
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					section 233 of this regulation
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					section 234 of this regulation
Kingston Creek at Groves Lake	From its origin to Groves Lake.	X	X	X	X	X	X		X					section 235 of this regulation
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 236 of this regulation
Kingston Creek below Groves Lake	Below Groves Lake.	X	X	X	X	X	X	X	X				Trout	section 237 of this regulation
Birch Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 238 of this regulation
Birch Creek below the national forest boundary	From the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	section 239 of this regulation

Water Body 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		
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					section 240 of this regulation
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M.	X	X	X	X	X	X		X					section 241 of this regulation
Pine Creek (Nye County)	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 242 of this regulation
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					section 243 of this regulation
Mosquito Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 244 of this regulation
Stoneberger Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 245 of this regulation
Roberts Creek at Roberts Creek Reservoir	From its origin to Roberts Creek Reservoir.	X	X	X	X	X	X		X					section 246 of this regulation
Roberts Creek below Roberts Creek Reservoir	Below Roberts Creek Reservoir.	X	X	X	X	X	X	X	X					section 247 of this regulation
Fish Springs Pond	The entire pond.	X	X	X	X	X	X	X	X				Trout	section 248 of this regulation

Water Body 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		
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 249 of this regulation
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X				Trout	section 250 of this regulation
Angel Lake	The entire lake.	X	X	X	X	X	X		X					section 251 of this regulation
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X					section 252 of this regulation
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					section 253 of this regulation
Gleason Creek at State Highway 485	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X					section 254 of this regulation
Gleason Creek at Murray Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	X	X	X		X		X	X					section 255 of this regulation
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					section 256 of this regulation
Comins Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 257 of this regulation

Water Body 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		
North Creek	From its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					section 258 of this regulation
East Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					section 259 of this regulation
Bird Creek	From its origin to the pipeline intake, near Bird Creek Campground.	X	X	X	X	X	X		X					section 260 of this regulation
Timber Creek	From its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X					section 261 of this regulation
Berry Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X					section 262 of this regulation
Duck Creek	From its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M.	X	X	X	X	X	X		X					section 263 of this regulation
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 264 of this regulation
Cave Creek	Its entire length.	X	X	X	X	X	X		X					section 265 of this regulation

Water Body 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		
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 266 of this regulation
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					section 267 of this regulation
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					section 268 of this regulation
Currant Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 269 of this regulation
Currant Creek at Currant	From the national forest boundary to Currant.	X	X	X	X	X	X	X	X					section 270 of this regulation
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													

Water Body 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		
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 224. *The standards for water quality for select bodies of water within the Central Region are prescribed in sections 224 to 270, inclusive, of this regulation.*

Sec. 225. *The limits of this table apply to the body of water known as Chiatovich Creek above the highway maintenance station. Chiatovich Creek is located in Esmeralda County.*

STANDARDS OF WATER QUALITY

Chiatovich Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.04 S.V. ≤ 0.06	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.8	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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]			*			X					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤ 200/400 [e]	X	X		*	X	X		X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 226. ***The limits of this table apply to the body of water known as Indian Creek above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M. Indian Creek is located in Esmeralda County.***

STANDARDS OF WATER QUALITY

Indian Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	S.V. ≤ 0.13	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate S.V. ≤ 0.45	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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]			*			X					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 227. ***The limits of this table apply to the body of water known as Leidy Creek above the hydroelectric plant. Leidy Creek is located in Esmeralda County.***

STANDARDS OF WATER QUALITY

Leidy Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C		S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23			*	X							
ΔT [b] - °C	ΔT = 0	ΔT ≤ 2											
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.013 S.V. ≤ 0.03	A-Avg. ≤ 0.1			*	*	X	X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 0.18 S.V. ≤ 0.22	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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]			*			X					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 228. ***The limits of this table apply to the entire body of water known as Fish Lake. Fish Lake is located in Esmeralda County.***

STANDARDS OF WATER QUALITY

Fish Lake

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 229. ***The limits of this table apply to the body of water known as Star Creek from its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E., M.D.B. & M. Star Creek is located in Pershing County.***

STANDARDS OF WATER QUALITY

Star Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - ℃ *ΔT [b] - ℃*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 230. ***The limits of this table apply to the entire body of water known as Willow Creek Reservoir. Willow Creek Reservoir is located in Lander County.***

STANDARDS OF WATER QUALITY

Willow Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 231. ***The limits of this table apply to the body of water known as Peavine Creek from its origin to the first point of diversion, near the national forest boundary. Peavine Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Peavine Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 232. ***The limits of this table apply to the body of water known as Jett Creek from its origin to the national forest boundary. Jett Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Jett Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 233. *The limits of this table apply to the body of water known as the South Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The South Fork of Twin River is located in Nye County.*

STANDARDS OF WATER QUALITY

Twin River, South Fork

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 234. ***The limits of this table apply to the body of water known as the North Fork of Twin River from its origin to the first point of diversion, near the national forest boundary. The North Fork of Twin River is located in Nye County.***

STANDARDS OF WATER QUALITY

Twin River, North Fork

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 235. *The limits of this table apply to the body of water known as Kingston Creek from its origin to Groves Lake. This segment of Kingston Creek is located in Lander County.*

STANDARDS OF WATER QUALITY

Kingston Creek at Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 236. ***The limits of this table apply to the entire body of water known as Groves Lake. Groves Lake is located in Lander County.***

STANDARDS OF WATER QUALITY

Groves Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 237. ***The limits of this table apply to the body of water known as Kingston Creek below Groves Lake. This segment of Kingston Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Kingston Creek below Groves Lake

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 238. ***The limits of this table apply to the body of water known as Birch Creek from its origin to the national forest boundary. This segment of Birch Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Birch Creek at the national forest boundary

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 239. *The limits of this table apply to the body of water known as Birch Creek from the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M. This segment of Birch Creek is located in Lander County.*

STANDARDS OF WATER QUALITY

Birch Creek below the national forest boundary

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 240. ***The limits of this table apply to the body of water known as Skull Creek from its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M. Skull Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Skull Creek

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

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 241. ***The limits of this table apply to the body of water known as Steiner Creek from its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M. Steiner Creek is located in Lander County.***

STANDARDS OF WATER QUALITY

Steiner Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 242. ***The limits of this table apply to the body of water known as Pine Creek (Nye County) from its origin to the national forest boundary. Pine Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Pine Creek (Nye County)

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 243. ***The limits of this table apply to the body of water known as Barley Creek from its origin to the first point of diversion, near the national forest boundary. Barley Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Barley Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 244. ***The limits of this table apply to the body of water known as Mosquito Creek from its origin to the national forest boundary. Mosquito Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Mosquito Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 245. *The limits of this table apply to the body of water known as Stoneberger Creek from its origin to the national forest boundary. Stoneberger Creek is located in Nye County.*

STANDARDS OF WATER QUALITY

Stoneberger Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 246. ***The limits of this table apply to the body of water known as Roberts Creek from its origin to Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.***

STANDARDS OF WATER QUALITY

Roberts Creek at Roberts Creek Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 247. *The limits of this table apply to the body of water known as Roberts Creek below Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.*

STANDARDS OF WATER QUALITY

Roberts Creek below Roberts Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 223 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 248. ***The limits of this table apply to the entire body of water known as Fish Springs Pond. Fish Springs Pond is located in Eureka County.***

STANDARDS OF WATER QUALITY

Fish Springs Pond

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 249. *The limits of this table apply to the entire body of water known as Illipah Reservoir. Illipah Reservoir is located in White Pine County.*

STANDARDS OF WATER QUALITY

Illipah Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*X*	*X*	*	*		*X*	*X*	*			
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]*			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 250. *The limits of this table apply to the entire area known as Ruby Marsh. Ruby Marsh is located in Elko and White Pine Counties.*

STANDARDS OF WATER QUALITY

Ruby Marsh

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 576				*	X						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 251. *The limits of this table apply to the entire body of water known as Angel Lake. Angel Lake is located in Elko County.*

STANDARDS OF WATER QUALITY

Angel Lake

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 252. *The limits of this table apply to the body of water known as Pole Canyon Creek from its origin to where it becomes Franklin River. Pole Canyon Creek is located in Elko County.*

STANDARDS OF WATER QUALITY

Pole Canyon Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - ℃ ΔT[b] - ℃		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 253. ***The limits of this table apply to the body of water known as Goshute Creek from its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M. Goshute Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Goshute Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 254. *The limits of this table apply to the body of water known as Gleason Creek from its origin to State Highway 485 (old State Highway 44). This segment of Gleason Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Gleason Creek at State Highway 485

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 255. ***The limits of this table apply to the body of water known as Gleason Creek from State Highway 485 (old State Highway 44) to its confluence with Murray Creek. This segment of Gleason Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Gleason Creek at 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			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.*

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

Sec. 256. ***The limits of this table apply to the body of water known as 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. Murray Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

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			X	X	X		X		X	X			
Aquatic Life Species of Concern													
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X			X			
Total Ammonia (as N) - mg/l		[b]			*								
E coli - No./100 ml		AGM ≤ 630					*						

* = The most restrictive beneficial use.

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.*

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

Sec. 257. ***The limits of this table apply to the entire body of water known as Comins Reservoir. Comins Reservoir is located in White Pine County.***

STANDARDS OF WATER QUALITY

Comins Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT ≤ 3*			*	*X*							
pH - SU		*S.V. 6.5 - 9.0*	*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]			*			*X*					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	*X*	*X*				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 258. ***The limits of this table apply to the body of water known as North Creek from its origin to the pipeline intake, near the north line of section 20, T. 19 N., R. 65 E., M.D. B. & M. North Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

North Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 259. *The limits of this table apply to the body of water known as East Creek from its origin to the pipeline intake, near the national forest boundary. East Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

East Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 260. ***The limits of this table apply to the body of water known as Bird Creek from its origin to the pipeline intake, near Bird Creek Campground. Bird Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Bird Creek

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

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 261. ***The limits of this table apply to the body of water known as Timber Creek from its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M. Timber Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Timber Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 262. ***The limits of this table apply to the body of water known as Berry Creek from its origin to the pipeline intake, near the national forest boundary. Berry Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Berry Creek

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

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 263. ***The limits of this table apply to the body of water known as Duck Creek from its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M. Duck Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Duck Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 264. ***The limits of this table apply to the body of water known as Cleve Creek from its origin to the national forest boundary. Cleve Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Cleve Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 265. ***The limits of this table apply to the entire body of water known as Cave Creek. Cave Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Cave Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 266. ***The limits of this table apply to the entire body of water known as Cave Lake. Cave Lake is located in White Pine County.***

STANDARDS OF WATER QUALITY

Cave Lake

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT[b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 267. *The limits of this table apply to the body of water known as Pine Creek (White Pine County) from its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M. Pine Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Pine Creek (White Pine County)

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 268. ***The limits of this table apply to the body of water known as Ridge Creek from its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M. Ridge Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Ridge Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 269. *The limits of this table apply to the body of water known as Currant Creek from its origin to the national forest boundary. This segment of Currant Creek is located in Nye and White Pine Counties.*

STANDARDS OF WATER QUALITY

Currant Creek at the national forest boundary

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 270. ***The limits of this table apply to the body of water known as Currant Creek from the national forest boundary to Currant. This segment of Currant Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Currant Creek at Currant

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 223 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 271. *The designated beneficial uses for select bodies of water within the Great Salt Lake Region are prescribed in this section:*

Water Body 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 Creek above the fish hatchery	Above the fish hatchery.	X	X	X	X	X	X	X	X					section 273 of this regulation

Water Body 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 Creek below the fish hatchery	Below the fish hatchery to the Nevada-Utah state line.	X	X	X	X	X	X	X	X				Trout	section 274 of this regulation
Baker Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 275 of this regulation
Lehman Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 276 of this regulation
Silver Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 277 of this regulation
Silver Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 278 of this regulation
Hendry's Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 279 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact with the water													
Noncontact	Recreation not involving contact with the water													
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or both													
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological or aesthetic value													
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 272. *The standards for water quality for select bodies of water within the Great Salt Lake Region are prescribed in sections 272 to 279, inclusive, of this regulation.*

Sec. 273. *The limits of this table apply to the body of water known as Snake Creek above the fish hatchery. This segment of Snake Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Snake Creek above the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.05 S.V. ≤ 0.08	A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 0.22 S.V. ≤ 0.44	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. Jun-Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤ 25			*								
Turbidity - NTU		S.V. ≤ 10			*			X					
Color - PCU		[d]			*			X					
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		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤ 200/400 [e]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 271 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 274. *The limits of this table apply to the body of water known as Snake Creek below the fish hatchery to the Nevada-Utah state line. This segment of Snake Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Snake Creek below the fish hatchery

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 271 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 275. *The limits of this table apply to the body of water known as Baker Creek from its origin to the national forest boundary. Baker Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Baker Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 271 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 276. ***The limits of this table apply to the body of water known as Lehman Creek from its origin to the national forest boundary. Lehman Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Lehman Creek

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 271 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 277. *The limits of this table apply to the body of water known as Silver Creek from its origin to the national forest boundary. Silver Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Silver Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 271 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 278. ***The limits of this table apply to the entire body of water known as Silver Creek Reservoir. Silver Creek Reservoir is located in White Pine County.***

STANDARDS OF WATER QUALITY

Silver Creek Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 271 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 279. ***The limits of this table apply to the body of water known as Hendry's Creek from its origin to the national forest boundary. Hendry's Creek is located in White Pine County.***

STANDARDS OF WATER QUALITY

Hendry's 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			X	X	X	X	X	X		X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X		*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 271 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 280. ***There are no designated beneficial uses for select bodies of water within the Escalante Desert Region.***

Sec. 281. ***There are no designated standards for water quality for select bodies of water within the Escalante Desert Region.***

Sec. 282. ***The designated beneficial uses for select bodies of water within the Colorado Region are prescribed in this section:***

Water Body 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 below Davis Dam	*From the Lake Mohave Inlet to the Arizona-Nevada state line below Davis Dam.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 284 of this regulation*
Colorado River below Hoover Dam	*From Hoover Dam to the Lake Mohave Inlet.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*					*section 285 of this regulation*
Lake Mead	*Lake Mead, excluding the area covered by section 287 of this regulation, Inner Las Vegas Bay.*	*X*	*X*	*X*	*X*	*X*	*X*	*X*	*X*				*Warm-water fishery*	*section 286 of this regulation*

Water Body 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		
Inner Las Vegas Bay	Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay.	X	X	X		X		X	X				Warm-water fishery	section 287 of this regulation
Las Vegas Wash at Telephone Line Road	From the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. This segment encompasses the discharge from the City of Henderson wastewater treatment plant.	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	section 288 of this regulation
Las Vegas Wash at Lake Mead	From Telephone Line Road to its confluence with Lake Mead.	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	section 289 of this regulation
Virgin River at the state line	At the Arizona-Nevada state line, near Littlefield, Arizona.	X	X	X		X		X	X					section 290 of this regulation
Virgin River at Mesquite	From the Arizona-Nevada state line to Mesquite.	X	X	X		X		X	X					section 291 of this regulation
Virgin River at Lake Mead	From Mesquite to the river mouth at Lake Mead.	X	X	X		X		X	X					section 292 of this regulation

Water Body 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		
Muddy River at the Glendale Bridge	From the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation.	X	X	X	X	X	X	X	X					section 293 of this regulation
Muddy River at theWells Siding Diversion	From the Glendale Bridge to the Wells Siding Diversion.	X	X	X	X	X		X	X					section 2 of LCB File No. R083-08
Muddy River at Lake Mead	From the Wells Siding Diversion to the river mouth at Lake Mead.	X	X	X	X	X		X	X					section 294 of this regulation
Meadow Valley Wash	From the bridge above Rox to its confluence with the Muddy River.	X	X	X		X		X	X					section 295 of this regulation
Beaver Dam Wash	Above Schroeder Reservoir.	X	X	X	X	X	X	X	X					section 296 of this regulation
Schroeder Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 297 of this regulation
White River at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 298 of this regulation
White River at Ellison Creek	From the national forest boundary to its confluence with Ellison Creek.	X	X	X	X	X	X	X	X				Trout	section 299 of this regulation
Dacey Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 300 of this regulation

Water Body 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		
Sunnyside Creek	From its origin to Adams McGill Reservoir.	X	X	X	X	X	X	X	X					section 301 of this regulation
Adams McGill Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 302 of this regulation
Hay Meadow Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 303 of this regulation
Nesbitt Lake	The entire lake.	X	X	X	X	X	X	X	X					section 304 of this regulation
Pahranagat Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 305 of this regulation
Bowman Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 306 of this regulation
Eagle Valley Creek	From its headwaters to Eagle Valley Reservoir.	X	X	X	X	X	X	X	X				Trout	section 307 of this regulation
Eagle Valley Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 308 of this regulation
Echo Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 309 of this regulation
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	section 310 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													

Water Body 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*		
Contact	*Recreation involving contact with the water*													
Noncontact	*Recreation not involving contact with the water*													
Industrial	*Industrial supply*													
Municipal	*Municipal or domestic supply, or both*													
Wildlife	*Propagation of wildlife*													
Aquatic	*Propagation of aquatic life*													
Aesthetic	*Waters of extraordinary ecological or aesthetic value*													
Enhance	*Enhancement of water quality*													
Marsh	*Maintenance of a freshwater marsh*													

Sec. 283. ***The standards for water quality for select bodies of water within the Colorado Region are prescribed in sections 283 to 310, inclusive, of this regulation and sections 2 and 3 of LCB File No. R083-08.***

Sec. 284. ***The limits of this table apply to the body of water known as the Colorado River from the Lake Mohave Inlet to the Arizona-Nevada state line below Davis Dam. This segment of the Colorado River is located in Clark County.***

STANDARDS OF WATER QUALITY

Colorado River below Davis Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - ℃ ΔT [b] - ℃	 $\Delta T = 0$	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 $\Delta T \leq 2$			*	X							
pH - SU		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.02 S.V. ≤ 0.03	A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Nitrate A-Avg. ≤ 1.1 S.V. ≤ 1.6	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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]			*			X					
Total Dissolved Solids - mg/l		[e]	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 100	≤ 200/400 [f]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 285. *The limits of this table apply to the body of water known as the Colorado River from Hoover Dam to the Lake Mohave Inlet. This segment of the Colorado River is located in Clark County.*

STANDARDS OF WATER QUALITY

Colorado River below Hoover Dam

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - ℃ ΔT[b] - ℃	 ΔT = 0	S.V. Nov-Apr ≤ 13 S.V. May-Jun ≤ 17 S.V. Jul-Oct ≤ 23 ΔT ≤ 2			*	X							
pH - SU		S.V. 6.5 - 9.0 ΔpH ± 0.5	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.02 S.V. ≤ 0.033	A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.0 S.V. ≤ 1.5	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. Nov-May ≥ 6.0 S.V. 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]			*			X					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 235				*	X						
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 100	≤ 200/400 [f]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 286. *The limits of this table apply to the body of water known as Lake Mead, excluding the area covered by section 287 of this regulation, Inner Las Vegas Bay. Lake Mead is located in Clark County.*

STANDARDS OF WATER QUALITY

Lake Mead

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Warm-water fishery.*										
Temperature *ΔT[b] - °C*	*ΔT = 0*	*ΔT ≤ 2*			*								
pH - SU	*95% of S.V. samples ≤ 8.8*	*S.V. 6.5 - 9.0*	X	X	*	X		X	X	X			
Chlorophyll a - µg/l	[c]				*	*	X	X					
Nitrogen Species (as N) - mg/l	*Total Inorganic Nitrogen 95% of S.V. samples ≤ 4.5*	*Nitrate S.V. ≤ 10* *Nitrite S.V. ≤ 1*	X		*			*		X			
Total Ammonia (as N) - mg/l		[d]			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0 in the epilimnion or average in water column during periods of nonstratification*	X		*	X	X	X		X			
Suspended Solids - mg/l		*S.V. ≤ 25*			*		X						
Turbidity - NTU	[e]	*S.V. ≤ 25*			*	X	X	X					
Color - PCU	[f]						*	X					
Total Dissolved Solids - mg/l	*Flow Weighted A-Avg. Concentration ≤ 723 measured below Hoover Dam[g]*	*S.V. ≤ 1000*		X				*					
Chloride - mg/l	[h]	*S.V. ≤ 400[h]*	X					*		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/l	[h]	S.V. ≤ 500 [h]						*					
E. Coli - MF/100ml		30-day log mean ≤ 126 S.V. ≤ 235	X	X		*	X	X					
Fecal Coliform - MF or MPN/100 ml		≤ 200/400 [i]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 282 of this regulation 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 1 monthly mean in a calendar year at Station LWLVB 1.85 may exceed 45µg/l. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

[2] The mean for chlorophyll a in summer (July 1-September 30) must not exceed 40 µg/l at Station LWLVB 1.85, and the mean for 4 consecutive summer years must not exceed 30 µg/l. The sample must be collected from the center of the channel and must be representative of the top 5 meters of the channel. Station LWLVB 1.85 is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

[3] The mean for chlorophyll a in the growing season (April 1-September 30) must not exceed 16 µg/l at Station LWLVB 2.7 and 9 µg/l at Station LWLVB 3.5. Station LWLVB 2.7 is located at a distance of 2.7 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead. Station LWLVB 3.5 is located at a distance of 3.5 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

[4] *The mean for chlorophyll a in the growing season (April 1-September 30) must not exceed 5 µg/l in the open water of Boulder Basin, Virgin Basin, Gregg Basin and Pierce Basin. The single value must not exceed 10 µg/l for more than 5 percent of the samples.*

[5] *Not less than two samples per month must be collected between the months of March and October. During the months when only one sample is available, that value must be used in place of the monthly mean.*

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

[e] *Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.*

[f] *Color must not exceed that characteristic of natural conditions by more than 10 PCU.*

[g] *The salinity standard for the Colorado River System is specified in NAC 445A.143.*

[h] *The combination of this constituent with other constituents comprising TDS must not result in the violation of the TDS standards for Lake Mead and the Colorado River.*

[i] *Based on a minimum of not less than five samples taken over a 30-day period, the fecal coliform bacterial level must not exceed a log mean of 200 per 100 milliliters, nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

➥ *The Commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.*

Sec. 287. ***The limits of this table apply to the body of water known as Inner Las Vegas Bay, consisting of Lake Mead from the confluence of the Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay. Inner Las Vegas Bay is located in Clark County.***

STANDARDS OF WATER QUALITY

Inner Las Vegas Bay

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern			Warm-water fishery.										
Temperature ΔT [b] - °C	$\Delta T = 0$	$\Delta T \leq 2$			*								
pH - SU	95% of S.V. samples ≤ 8.9	S.V. 6.5 - 9.0	X	X	*				X	*			
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. samples ≤ 5.3	Nitrate S.V. ≤ 90 Nitrite S.V. ≤ 5	X		*					X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 25			*		X						
Turbidity - NTU	[d]	S.V. ≤ 25			*		X						
Total Dissolved Solids - mg/l	[e]	S.V. ≤ 3000	*	X									
Fecal Coliform MF or MPN/100 ml		≤ 200/400 [f]	X	X			X			X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.

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

[c] *The requirement for water quality with regard to the concentration of total ammonia is provided pursuant to the provisions of NAC 445A.118. Data must be collected at Station LWLVB 1.2. Station LWLVB 1.2 is located at the center of the channel at a distance of 1.2 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.*

[d] *Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.*

[e] *The salinity standard for the Colorado River System is specified in NAC 445A.143.*

[f] *Any discharge from a point source into Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

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

Sec. 288. ***The limits of this table apply to the body of water known as the Las Vegas Wash from the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants to Telephone Line Road. This segment encompasses the discharge from the City of Henderson wastewater treatment plant. This segment of the Las Vegas Wash is located in Clark County.***

STANDARDS OF WATER QUALITY ✝

Las Vegas Wash at 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			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature ΔT[b] - °C	ΔT = 0												
pH - SU		S.V. 6.5 - 9.0	X	X	*					*			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. Samples ≤ 20	Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10	*							X			
Dissolved Oxygen - mg/l		[c]	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 135 [d]			*								
Total Dissolved Solids - mg/l	95% of S.V. samples ≤ 1900	S.V. ≤ 3000	*	X									X
Fecal Coliform MF or MPN/100 ml		[e]	X	X			*			X			

* = The most restrictive beneficial use.

X = Beneficial use.

† The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] Refer to NAC 445A.122 and section 282 of this regulation 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] Suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.

[e] *Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 289. ***The limits of this table apply to the body of water known as the Las Vegas Wash from Telephone Line Road to its confluence with Lake Mead. This segment of the Las Vegas Wash is located in Clark County.***

STANDARDS OF WATER QUALITY †

Las Vegas Wash at Lake Mead

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X			X			X
Aquatic Life Species of Concern			Excluding fish, this does not preclude the establishment of a fishery.										
Temperature ΔT [b] - °C	$\Delta T = 0$												
pH - SU		S.V. 6.5 - 9.0	X	X	*					*			
Nitrogen Species (as N) - mg/l	Total Inorganic Nitrogen 95% of S.V. samples ≤ 17	Nitrate S.V. ≤ 100 Nitrite S.V. ≤ 10	*							X			
Dissolved Oxygen - mg/l		[c]	X		*		X			X			
Suspended Solids - mg/l		S.V. ≤ 135 [d]			*								
Total Dissolved Solids - mg/l	95% of S.V. samples ≤ 2400	S.V. ≤ 3000	*	X									X

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - MF or MPN/100 ml		[e]	X	X			*			X			

** = The most restrictive beneficial use.*

X = Beneficial use.

† The goal of the standards set forth in this table is to ensure that the beneficial uses for the body of water described in this section will include, without limitation, the propagation of aquatic life, including, without limitation, fish by the next triennial review required by the Clean Water Act, 33 U.S.C. §§ 1251 et seq.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.*

[c] *Aerobic conditions are desirable for the beneficial uses of propagation of aquatic life, excluding fish, watering of livestock, recreation not involving contact with water and propagation of wildlife. So as not to prevent the development and restoration of marshes and wetlands in the Wash, aerobic conditions are established as a goal rather than a standard and the goal is not intended to preclude development of a limited fishery in selected areas. Aerobic conditions is intended to mean the absence of objectionable odors that may be caused by wastewater discharges in excess of existing odors.*

[d] *Suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.*

[e] *Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.*

Sec. 290. ***The limits of this table apply to the body of water known as the Virgin River at the Arizona-Nevada state line, near Littlefield, Arizona. This segment of the Virgin River is located in Clark County.***

STANDARDS OF WATER QUALITY

Virgin River at the state line

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - ℃ *ΔT [b] - ℃*	 *ΔT= 0*	*S.V. Nov-Jun ≤ 21* *S.V. Jul-Oct ≤ 32* *ΔT ≤ 2*			*								
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l	*A-Avg. ≤ 0.06* *S.V. ≤ 0.1*	*A-Avg. ≤ 0.1*			*		X						
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 2.4* *S.V. ≤ 3.2*	*Nitrate S.V. ≤ 90* *Nitrite S.V. ≤ 5.0*	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		*< 25% change from natural conditions*			*					X			
E coli - No./100 ml		*AGM ≤ 630*					*						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 450 S.V. ≤ 1800	AGM ≤ 1000 S.V. ≤ 2000	X	X			*			X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 291. ***The limits of this table apply to the body of water known as the Virgin River from the Arizona-Nevada state line to Mesquite. This segment of the Virgin River is located in Clark County.***

STANDARDS OF WATER QUALITY

Virgin River at Mesquite

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	 *ΔT = 0*	*S.V. Nov-Jun ≤ 21* *S.V. Jul-Oct ≤ 32* *ΔT ≤ 2*			*								
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.1*			*		X						
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 0.9* *S.V. ≤ 1.6*	*Nitrate S.V. ≤ 90* *Nitrite S.V. ≤ 5.0*	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		*< 25% change from natural conditions*			*					X			
E coli - No./100 ml		*AGM ≤ 630*					*						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 300 S.V. ≤ 550	AGM ≤ 1000 S.V. ≤ 2000	X	X			*			X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 292. ***The limits of this table apply to the body of water known as the Virgin River from Mesquite to the river mouth at Lake Mead. This segment of the Virgin River is located in Clark County.***

STANDARDS OF WATER QUALITY

Virgin River at Lake Mead

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	 *ΔT = 0*	*S.V. Nov-Jun ≤ 21* *S.V. Jul-Oct ≤ 32* *ΔT ≤ 2*			*								
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.1*			*		X						
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 2.9* *S.V. ≤ 6.1*	*Nitrate S.V. ≤ 90* *Nitrite S.V. ≤ 5.0*	X		*		X			X			
Total Ammonia (as N) - mg/l		*c*			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*		X			X			
Turbidity - NTU		*d*			*								
Color - PCU		*e*			*								
Total Dissolved Solids - mg/l		*f*	X	*									
Alkalinity (as $CaCO_3$) - mg/l		*< 25% change from natural conditions*			*					X			
E coli - No./100 ml		*AGM ≤ 630*					*						

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 625 S.V. ≤ 1250	AGM ≤ 1000 S.V. ≤ 2000	X	X			*			X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 293. ***The limits of this table apply to the body of water known as the Muddy River from the river source to the Glendale Bridge, except for the length of the river within the exterior borders of the Moapa Indian Reservation. This segment of the Muddy River is located in Clark County.***

STANDARDS OF WATER QUALITY

Muddy River at the Glendale Bridge

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature °C -													
Source Springs to Warm Springs Bridge		19≤T≤32			*								
Warm Springs Bridge to Glendale Bridge		15≤T≤30											
ΔT [b]	ΔT = 0°C	ΔT ≤2°C											
pH Units		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	*	X	X	X	X	*			
Total Phosphorous (as P) - mg/l		A-Avg.: ≤ 0.1			*	X	X	X					
Nitrogen Species (as N) - mg/l	Total Nitrogen A-Avg. ≤ 1.3 S.V. ≤ 1.4	Nitrate S.V. ≤ 10 Nitrite S.V. ≤ 1.0	X		X	X	X	*		X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		[d]			*			X					
Color - PCU		S.V. ≤75			X			*					
Total Dissolved Solids - mg/l		[e]	X	X				*					
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml		AGM ≤ 1000 S.V. ≤ 2000	X	X			*	*		X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	*						
Fluoride (as total recoverable) - mg/l		S.V. ≤ 2.6	X	*									

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

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

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

[d] *Increase in turbidity must not be more than 10 NTU above natural conditions.*

[e] *The salinity standard for the Colorado River System is specified in NAC 445A.143.*

Sec. 294. ***The limits of this table apply to the body of water known as the Muddy River from the Wells Siding Diversion to the river mouth at Lake Mead. This segment of the Muddy River is located in Clark County.***

STANDARDS OF WATER QUALITY

Muddy River at Lake Mead

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X		X	X			
Aquatic Life Species of Concern													
Temperature ℃ -		*T ≤ 32*			*								
ΔT [b]	*ΔT = 0 ℃[b]*	*ΔT ≤ 2 ℃*											
pH Units		*S.V. 6.5 - 9.0*	X	X	*	X	X		X	*			
		ΔpH ± 0.5 Max.											
Total Phosphorous		*A-Avg. ≤ 0.3*			*	X	X						
(as P) - mg/l													
Nitrogen Species	*Total Nitrogen*	*Nitrate S.V. ≤ 90*	X		*	X	X			X			
(as N) - mg/l	*A-Avg. ≤ 1.3*	*Nitrite S.V. ≤ 5.0*											
	S.V. ≤ 1.8												
Total Ammonia		*c*			*								
(as N) - mg/l													
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*	X	X			X			
Turbidity - NTU		*d*			*								
Color - PCU		*e*			*								
Total Dissolved Solids -		*f*	X	*									
mg/l													
Alkalinity		*< 25% change from natural*			*					X			
(as $CaCO_3$) - mg/l		*conditions*											

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 500 S.V. ≤ 1300	AGM ≤ 1000 S.V. ≤ 2000	X	X			*			X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	*						
Fluoride (as total recoverable) - mg/l		S.V. ≤3.6	X	*									
Boron (as total recoverable) - mg/l		S.V. ≤2.0		*						X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 295. ***The limits of this table apply to the body of water known as the Meadow Valley Wash from the bridge above Rox to the Muddy River. The Meadow Valley Wash is located in Clark and Lincoln Counties.***

STANDARDS OF WATER QUALITY

Meadow Valley Wash

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X		X		X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	 *ΔT = 0*	*S.V. Nov-Jun ≤ 21* *S.V. Jul-Oct ≤ 32* *ΔT ≤ 2*			*								
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	*		X		X	*			
Total Phosphates (as P) - mg/l		*A-Avg. ≤ 0.1*			*		X						
Nitrogen Species (as N) - mg/l	*Total Nitrogen* *A-Avg. ≤ 2.0* *S.V. ≤ 3.3*	*Nitrate S.V. ≤ 90* *Nitrite S.V. ≤ 5.0*	X		*		X			X			
Total Ammonia (as N) - mg/l		[c]			*								
Dissolved Oxygen - mg/l		*S.V. ≥ 5.0*	X		*		X			X			
Turbidity - NTU		[d]			*								
Color - PCU		[e]			*								
Total Dissolved Solids - mg/l		[f]	X	*									
Alkalinity (as $CaCO_3$) - mg/l		*< 25% change from natural conditions*			*					X			

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 630					*						
Fecal Coliform - No./100 ml		AGM ≤ 1000 S.V. ≤ 2000	X	X			*			X			

** = The most restrictive beneficial use.*

X = Beneficial use.

[a] *Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.*

Sec. 296. ***The limits of this table apply to the body of water known as the Beaver Dam Wash above Schroeder Reservoir. The Beaver Dam Wash is located in Lincoln County.***

STANDARDS OF WATER QUALITY

Beaver Dam Wash

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C *ΔT [b] - °C*	*ΔT = 0*	*S.V. Nov-Apr ≤ 13* *S.V. May-Jun ≤ 17* *S.V. Jul-Oct ≤ 23* *ΔT ≤ 2*			*	X							
pH - SU		*S.V. 6.5 - 9.0* *ΔpH ± 0.5*	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	*A-Avg. ≤ 0.01* *S.V. ≤ 0.013*	*A-Avg. ≤ 0.05*			*	*	X	X					
Nitrogen Species (as N) - mg/l	*Nitrate S.V. ≤ 0.22*	*Nitrate S.V. ≤ 10* *Nitrite S.V. ≤ 0.06*	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		*c*			*								
Dissolved Oxygen - mg/l		*S.V. Nov-May ≥ 6.0* *S.V. 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*			*			X					
Total Dissolved Solids - mg/l		*e*	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity (as $CaCO_3$) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410					*	X					
Fecal Coliform - No./100 ml		≤ 200/400 [f]	X	X		*	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

[a] Refer to NAC 445A.122 and section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 297. *The limits of this table apply to the entire body of water known as Schroeder Reservoir. Schroeder Reservoir is located in Lincoln County.*

STANDARDS OF WATER QUALITY

Schroeder Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT ≤ 3*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or the 95th percentile (whichever is less).*	X	X				*					
E coli - No./100 ml		*AGM ≤ 126* *S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 298. ***The limits of this table apply to the body of water known as the White River from its origin to the national forest boundary. This segment of the White River is located in White Pine County.***

STANDARDS OF WATER QUALITY

White River at the national forest boundary

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

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 299. ***The limits of this table apply to the body of water known as the White River from the national forest boundary to its confluence with Ellison Creek. This segment of the White River is located in White Pine County.***

STANDARDS OF WATER QUALITY

White River at Ellison Creek

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 300. ***The limits of this table apply to the entire body of water known as Dacey Reservoir. Dacey Reservoir is located in Nye County.***

STANDARDS OF WATER QUALITY

Dacey Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 301. ***The limits of this table apply to Sunnyside Creek from its origin to Adams McGill Reservoir. Sunnyside Creek is located in Nye County.***

STANDARDS OF WATER QUALITY

Sunnyside Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 302. ***The limits of this table apply to the entire body of water known as Adams McGill Reservoir. Adams McGill Reservoir is located in Nye County.***

STANDARDS OF WATER QUALITY

Adams McGill Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 24 ΔT = 0			*	X							
pH - SU		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. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		[c]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 303. ***The limits of this table apply to the entire body of water known as Hay Meadow Reservoir. Hay Meadow Reservoir is located in Nye County.***

STANDARDS OF WATER QUALITY

Hay Meadow Reservoir

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			*Trout.*										
Temperature - °C *ΔT [b] - °C*		*S.V. ≤ 20* *ΔT = 0*			*	X							
pH - SU		*S.V. 6.5 - 9.0*	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		*S.V. ≤ 500 or 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 304. *The limits of this table apply to the entire body of water known as Nesbitt Lake. Nesbitt Lake is located in Lincoln County.*

STANDARDS OF WATER QUALITY

Nesbitt Lake

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT[b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 305. ***The limits of this table apply to the entire body of water known as Pahranagat Reservoir. Pahranagat Reservoir is located in Lincoln County.***

STANDARDS OF WATER QUALITY

Pahranagat Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern													
Temperature - °C ΔT [b] - °C		S.V. ≤ 34 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.*

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 306. ***The limits of this table apply to the entire body of water known as Bowman Reservoir. Bowman Reservoir is located in Clark County.***

STANDARDS OF WATER QUALITY

Bowman Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.

Sec. 307. *The limits of this table apply to the body of water known as Eagle Valley Creek from its headwaters to Eagle Valley Reservoir. Eagle Valley Creek is located Lincoln County.*

STANDARDS OF WATER QUALITY

Eagle Valley 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			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT [b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 308. ***The limits of this table apply to the entire body of water known as Eagle Valley Reservoir. Eagle Valley Reservoir is located in Lincoln County.***

STANDARDS OF WATER QUALITY

Eagle Valley Reservoir

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.*

[b] *Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.*

Sec. 309. ***The limits of this table apply to the entire body of water known as Echo Canyon Reservoir. Echo Canyon Reservoir is located in Lincoln County.***

STANDARDS OF WATER QUALITY

Echo Canyon Reservoir

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT ≤ 3			*	X							
pH - SU		S.V. 6.5 - 9.0	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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 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 section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 per 100 milliliters.

[2] *The fecal coliform concentration must not exceed the 95th percentile of the annual geometric mean or the 95th percentile of n, where n equals a certain number of single value samples as determined by the Division.*

Sec. 310. ***The limits of this table apply to the body of water known as Clover Creek from its origin to the point where it crosses the east range line of T. 4 S., R. 67 E., M.D.B. & M. Clover Creek is located in Lincoln County.***

STANDARDS OF WATER QUALITY

Clover Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use[a]										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern			Trout.										
Temperature - °C ΔT[b] - °C		S.V. ≤ 20 ΔT = 0			*	X							
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
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]			*			X					
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*Beneficial Use[a]*										
			Livestock	*Irrigation*	*Aquatic*	*Contact*	*Noncontact*	*Municipal*	*Industrial*	*Wildlife*	*Aesthetic*	*Enhance*	*Marsh*
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 section 282 of this regulation for beneficial use terminology.

[b] Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 milliliters.

Sec. 311. ***There are no designated beneficial uses for select bodies of water within the Death Valley Region.***

Sec. 312. ***There are no designated standards for water quality for select bodies of water within the Death Valley Region***

Sec. 313. NAC 445A.11704 is hereby amended to read as follows:

445A.11704 As used in NAC 445A.11704 to ~~[445A.225,]~~ ***445A.145,*** inclusive, ***and sections 2 to 312, inclusive, of this regulation,*** unless the context otherwise requires, the terms and symbols defined in NAC 445A.11708 to 445A.1178, inclusive, have the meanings ascribed to them in those sections.

Sec. 314. NAC 445A.120 is hereby amended to read as follows:

445A.120 1. NAC ~~[445A.120 to 445A.225,]~~ ***445A.070 to 445A.145,*** inclusive, ***and sections 2 to 312, inclusive, of this regulation,*** apply to all natural streams and lakes, reservoirs

or impoundments on natural streams and other specified waterways, unless excepted on the basis of existing irreparable conditions which preclude such use. Man-made waterways, unless otherwise specified, must be protected for public health and the use for which the waterways were developed.

2. The quality of any waters receiving waste discharges must be such that no impairment of the beneficial usage of water occurs as the result of the discharge. Natural water conditions may, on occasion, be outside the limits established by standards. The standards adopted in NAC ~~[445A.120 to 445A.225,]~~ ***445A.070 to 445A.145,*** inclusive, ***and sections 2 to 312, inclusive, of this regulation,*** relate to the condition of waters as affected by discharges relating to the activities of man.

Sec. 315. NAC 445A.123 is hereby amended to read as follows:

445A.123 1. Stream standards and classifications in NAC 445A.123 ~~[to 445A.127,]~~ ***, 445A.143, 445A.144 and 445A.145 and sections 2 to 312,*** inclusive, ***of this regulation and sections 2 and 3 of LCB File No. R083-08,*** do not preclude the Commission from establishing standards and classifications for additional public waters nor reclassifying the waters covered by those sections.

2. The Commission will consider classification of a body of public water not contained in ~~[the tables in]~~ NAC 445A.123 ~~[to 445A.127,]~~ ***, 445A.143, 445A.144 and 445A.145 and sections 2 to 312,*** inclusive, ***of this regulation and sections 2 and 3 of LCB File No. R083-08,*** upon a request for a permit to discharge into that body of water.

Sec. 316. NAC 445A.144 is hereby amended to read as follows:

445A.144 1. Except as otherwise provided in this section, the standards for toxic materials prescribed in subsection 2 are applicable to the waters specified in NAC 445A.123 ~~[to 445A.127,~~

~~inclusive, and 445A.145 to 445A.225, inclusive.]~~ ***, 445A.143, 445A.144 and 445A.145 and sections 2 to 312, inclusive, of this regulation and sections 2 and 3 of LCB File No. R083-08.***

The following criteria apply to this section:

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

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

(c) If a criterion is less than the detection limit of a method that is acceptable to the Division, laboratory results which show that the substance was not detected shall be deemed to show compliance with the standard unless other information indicates that the substance may be present.

2. The standards for toxic materials are:

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
INORGANIC CHEMICALS[3]				
Antimony	146[a]	-	-	-
Arsenic	50[b]	-	100[c]	200[d]
1-hour average	-	340[g,h]	-	-
96-hour average	-	150[g,h]	-	-
Barium	2,000[b]	-	-	-
Beryllium	0[a]	-	100[c]	-

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
hardness <75 mg/l	-	-	-	-
hardness >= 75 mg/l	-	-	-	-
Boron	-	-	750[a]	5,000[d]
Cadmium	5[b]	-	10[d]	50[d]
1-hour average	-	(1.136672-{ln(hardness)(0.041838)})* $e^{(1.0166\{\ln(\text{hardness})\} - 3.924)}$ [g,h]	-	-
96-hour average	-	(1.101672-{ln(hardness)(0.041838)})* $e^{(0.7409\{\ln(\text{hardness})\} - 4.719)}$ [g,h]	-	-
Chromium (total)	100[b]	-	100[d]	1,000[d]
Chromium (VI)	-	-	-	-
1-hour average	-	16[g,h]	-	-
96-hour average	-	11[g,h]	-	-
Chromium (III)	-	-	-	-
1-hour average	-	$(0.316) * e^{(0.8190\{\ln(\text{hardness})\} + 3.7256)}$ [g,h]	-	-
96-hour average	-	$(0.860) * e^{(0.8190\{\ln(\text{hardness})\} + 0.6848)}$ [g,h]	-	-
Copper	-	-	200[d]	500[d]
1-hour average	-	$(0.960) * e^{(0.9422\{\ln(\text{hardness})\} - 1.700)}$ [g,h]	-	-
96-hour average	-	$(0.960) * e^{(0.8545\{\ln(\text{hardness})\} - 1.702)}$ [g,h]	-	-
Cyanide	200[a]	-	-	-
1-hour average	-	22[h]	-	-
96-hour average	-	5.2[h]	-	-
Fluoride	-	-	1,000[d]	2,000[d]
Iron				
96-hour average	-	1,000[h]	5,000[d]	-
Lead	50[a,b]	-	5,000[d]	100[d]
1-hour average	-	(1.46203-{ln(hardness)(0.145712)})* $e^{(1.273\{\ln(\text{hardness})\} - 1.460)}$ [g,h]	-	-

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
96-hour average	-	(1.46203-{ln(hardness)(0.145712)})* $e^{(1.273\{\ln(hardness)\} - 4.705)}$ [g,h]	-	-
Manganese	-	-	200[d]	-
Mercury	2[b]	-	-	10[d]
1-hour average	-	1.4[g,h]	-	-
96-hour average	-	0.77[g,h]	-	-
Molybdenum	-	19[e]	-	-
Nickel	13.4[a]	-	200[d]	-
1-hour average	-	$(0.998) * e^{(0.8460\{\ln(hardness)\} + 2.255)}$ [g,h]	-	-
96-hour average	-	$(0.997) * e^{(0.8460\{\ln(hardness)\} + 0.0584)}$ [g,h]	-	-
Selenium	50[b]	-	20[d]	50[d]
1-hour average	-	20[a]	-	-
96-hour average	-	5.0[h]	-	-
Silver				
1-hour average	-	$(0.85) * e^{(1.72\{\ln(hardness)\} - 6.59)}$ [g,h]	-	-
Sulfide (undissociated hydrogen sulfide)				
96-hour average	-	2.0[h]	-	-
Thallium	13[a]	-	-	-
Zinc	-	-	2,000[d]	25,000[d]
1-hour average	-	$(0.978) * e^{(0.8473\{\ln(hardness)\} + 0.884)}$ [g,h]	-	-
96-hour average	-	$(0.986) * e^{(0.8473\{\ln(hardness)\} + 0.884)}$ [g,h]	-	-
ORGANIC CHEMICALS				
Acrolein	320[a]	-	-	-
Aldrin	0[a]	3[a]	-	-
Chlordane	0[a]	2.4[a]	-	-

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
24-hour average	-	0.0043[a]	-	-
2,4-D	100[a,b]	-	-	-
DDT & metabolites	0[a]	1.1[a]	-	-
24-hour average	-	0.0010[a]	-	-
Demeton	-	0.1[a]	-	-
Dieldrin	0[a]	2.5[a]	-	-
24-hour average	-	0.0019[a]	-	-
Endosulfan	75[a]	0.22[a]	-	-
24-hour average	-	0.056[a]	-	-
Endrin	0.2[b]	0.18[a]	-	-
24-hour average	-	0.0023[a]	-	-
Guthion	-	0.01[a]	-	-
Heptachlor	-	0.52[a]	-	-
24-hour average	-	0.0038[a]	-	-
Lindane	4[b]	2.0[a]	-	-
24-hour average	-	0.080[a]	-	-
Malathion	-	0.1[a]	-	-
Methoxychlor	100[a,b]	0.03[a]	-	-
Mirex	0[a]	0.001[a]	-	-
Parathion	-	-	-	-
1-hour average	-	0.065[a]	-	-
96-hour average	-	0.013[a]	-	-
Silvex (2,4,5-TP)	10[a,b]	-	-	-
Toxaphene	5[b]	-	-	-
1-hour average	-	0.73[a]	-	-
96-hour average	-	0.0002[a]	-	-
Benzene	5[b]	-	-	-

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
Monochlorobenzene	488[a]	-	-	-
m-dichlorobenzene	400[a]	-	-	-
o-dichlorobenzene	400[a]	-	-	-
p-dichlorobenzene	75[b]	-	-	-
Ethylbenzene	1,400[a]	-	-	-
Nitrobenzene	19,800[a]	-	-	-
1,2-dichloroethane	5[b]	-	-	-
1,1,1-trichloroethane (TCA)	200[b]	-	-	-
Bis (2-chloroisopropyl) ether	34.7[a]	-	-	-
Chloroethylene (vinyl chloride)	2[b]	-	-	-
1,1-dichloroethylene	7[b]	-	-	-
Trichloroethylene (TCE)	5[b]	-	-	-
Hexachlorocyclopentadiene	206[a]	-	-	-
Isophorone	5,200[a]	-	-	-
Trihalomethanes (total)[f]	100[b]	-	-	-
Tetrachloromethane (carbon tetrachloride)	5[b]	-	-	-
Phenol	3,500[a]	-	-	-
2,4-dichlorophenol	3,090[a]	-	-	-
Pentachlorophenol	1,010[a]	-	-	-
1-hour average	-	exp{1.005 (pH)-4.830}[a]	-	-
96-hour average	-	exp{1.005 (pH)-5.290}[a]	-	-
Dinitrophenols	70[a]	-	-	-
4,6-dinitro-2-methylphenol	13.4[a]	-	-	-
Dibutyl phthalate	34,000[a]	-	-	-
Diethyl phthalate	350,000[a]	-	-	-

Chemical	Municipal or Domestic Supply[1] (µg/l)	Aquatic Life[1,2] (µg/l)	Irrigation[1] (µg/l)	Watering of Livestock[1] (µg/l)
Dimethyl phthalate	313,000[a]	-	-	-
Di-2-ethylhexyl phthalate	15,000[a]	-	-	-
Polychlorinated biphenyls				
(PCBs)	0[a]	-	-	-
24-hour average	-	0.014[a]	-	-
Fluoranthene	42[a]	-	-	-
(polynuclear aromatic hydrocarbon)				
Dichloropropenes	87[a]	-	-	-
Toluene	14,300[a]	-	-	-

Footnotes:

(1) Single concentration limits and 24-hour average concentration limits must not be exceeded. One-hour average and 96-hour average concentration limits may be exceeded only once every 3 years. See reference a.

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

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

References:

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

b. Federal Maximum Contaminant Level (MCL), 40 C.F.R. §§ 141.11, 141.12, 141.61 and 141.62 (1992).

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

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

e. California State Water Resources Control Board, Regulation of Agricultural Drainage to the San Joaquin River: Appendix D, Water Quality Criteria (March 1988 revision).

f. The criteria for trihalomethanes (total) is the sum of the concentrations of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform) and trichloromethane (chloroform). See reference b.

g. This standard applies to the dissolved fraction.

h. U.S. Environmental Protection Agency, *National Recommended Water Quality Criteria*, May 2005.

Sec. 317. NAC 445A.145 is hereby amended to read as follows:

445A.145 1. Control points are locations where water quality criteria are specified. Criteria so specified apply to all surface waters of Nevada in the watershed upstream from the control point or to the next upstream control point or to the next water named in NAC 445A.123 ~~[.]~~ ***, 445A.143, 445A.144 and 445A.145 and sections 2 to 312, inclusive, of this regulation and sections 2 and 3 of LCB File No. R083-08.***

2. If there are no control points downstream from a particular control point, the criteria for that control point also apply to all surface waters of Nevada in the watershed downstream of the control point or to the next water named in NAC 445A.123 ~~[.]~~ ***, 445A.143, 445A.144 and 445A.145 and sections 2 to 312, inclusive, of this regulation and sections 2 and 3 of LCB File No. R083-08.***

3. Each standard is set to protect the beneficial use which is most sensitive with respect to that particular standard.

4. ~~[NAC 445A.147 to 445A.212,]~~ ***Sections 2 to 312,*** inclusive, ***of this regulation and sections 2 and 3 of LCB File No. R083-08,*** prescribe numerical standards for water quality and designate beneficial uses at particular control points.

Sec. 318. NAC 445A.11728, 445A.11732, 445A.11756, 445A.124, 445A.125, 445A.126, 445A.127, 445A.146, 445A.147, 445A.148, 445A.149, 445A.150, 445A.151, 445A.152, 445A.153, 445A.154, 445A.155, 445A.156, 445A.157, 445A.158, 445A.159, 445A.160, 445A.161, 445A.162, 445A.163, 445A.164, 445A.165, 445A.1655, 445A.166, 445A.167, 445A.168, 445A.169, 445A.1693, 445A.1696, 445A.170, 445A.171, 445A.172, 445A.173, 445A.174, 445A.175, 445A.176, 445A.177, 445A.178, 445A.179, 445A.180, 445A.181,

445A.182, 445A.183, 445A.184, 445A.185, 445A.186, 445A.187, 445A.188, 445A.189, 445A.190, 445A.1905, 445A.191, 445A.1912, 445A.1915, 445A.1917, 445A.192, 445A.193, 445A.194, 445A.195, 445A.196, 445A.197, 445A.198, 445A.199, 445A.200, 445A.201, 445A.202, 445A.203, 445A.204, 445A.205, 445A.206, 445A.207, 445A.208, 445A.209, 445A.210, 445A.211, 445A.212, 445A.214, 445A.215, 445A.216, 445A.217, 445A.218, 445A.219, 445A.220, 445A.221, 445A.222, 445A.223, 445A.224 and 445A.225 are hereby repealed.

TEXT OF REPEALED SECTIONS

445A.11728 "HA" defined. (NRS 445A.425, 445A.520) "HA" means hydrographic area.

445A.11732 "HR" defined. (NRS 445A.425, 445A.520) "HR" means hydrographic region.

445A.11756 "pH unit" defined. (NRS 445A.425, 445A.520) "pH unit" means the negative log of the hydrogen ion concentration.

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]

Item	Specifications
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

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.

DOUGLAS COUNTY			
Water	HR	HA	Description of Area Classified
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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
Maggie Creek tributaries	4	51	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek.
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.

HUMBOLDT COUNTY			
Water	HR	HA	Description of Area Classified
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

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.

WASHOE COUNTY			
Water	HR	HA	Description of Area Classified
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.

WHITE PINE COUNTY			
Water	HR	HA	Description of Area Classified
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.

WHITE PINE COUNTY			
Water	HR	HA	Description of Area Classified
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.
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.

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.

Item	Specifications
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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
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.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
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.
76 Creek (T)	3	38	Its entire length.
Secret Creek (T)	4	43	From the national forest boundary to the Humboldt River.

ELKO COUNTY			
Water	HR	HA	Description of Area Classified
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

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
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.
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 (T) tributaries	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.

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 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.

Item	Specifications
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 2,400 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.

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.

Item	Specifications
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.

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.

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

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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤105 —	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Alkalinity (as $CaCO_3$) - mg/l	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤50 S.V. : ≤90	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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 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 : ≤0.5 A-Avg. : ≤1.1 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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤40 S.V. : ≤60	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

445A.150 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.

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	7.5 - 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Alkalinity (as $CaCO_3$) - mg/l	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤20 S.V. : ≤85	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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[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 - 8.7 —	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- : ≤0.5 Avg. : ≤0.8 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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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. : ≤205 S.V.	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A- : ≤8 Avg. : ≤10 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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤50 —	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Alkalinity (as CaCO3) - mg/l	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤180 —	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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[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	7.5 - 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-Avg : ≤.85 S.V. : ≤1.2	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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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. : ≤230	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A-Avg : ≤8 S.V. : ≤15	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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	— —	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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- : ≤17°C June : ≤23°C Jul.-Oct. 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤110 S.V. : ≤295	≤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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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 ΔTa	 ΔT = 0°C	Nov.- : ≤18°C May : ≤23°C Jun.Oct. ΔT ≤2°C	Aquatic lifeb 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 : ≤10 S.V. : ≤.06 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	—	e	Aquatic life.b

(as N) - mg/l			
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 lifeb 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	Irrigationb and municipal or domestic supply.
Alkalinity (as CaCO3) - mg/l	— —	< 25% change from natural conditions	Aquatic lifeb and propagation of wildlife.
Fecal Coliform - No./100ml	— —	≤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			Recreation involving contact with the waterb and recreation not involving contact with the water.

Mean	—	≤126	
Single Value	—	≤410	

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

STANDARDS OF WATER QUALITY

Carson River

control point at Dayton Bridge. The limits of this table apply from Dayton Bridge to New Empire.

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-Avg : ≤1.2 S.V : ≤1.6	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-Avg : ≤12 S.V. : ≤25	S.V. : ≤50	Aquatic life[b] and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.[b]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Total Dissolved Solids - mg/l	A-Avg : ≤250 S.V. : ≤400	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A-Avg : ≤10 S.V. : ≤18	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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤50 S.V. : ≤280	≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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.

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 - 8.5 —	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-Avg : ≤0.6 S.V. : ≤1.1	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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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-Avg : ≤25 —	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-Avg : ≤250 S.V. : ≤380	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A-Avg : ≤10 S.V. : ≤18	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A-Avg : ≤100 S.V. : ≤140	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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤90 S.V. : ≤240	≤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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
E coli - No./100ml			Recreation involving contact with the water[b] and recreation not involving contact with the water.
Annual Geometric Mean	—	≤126	
Single Value	—	≤410	

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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-Avg : ≤1.3 S.V : ≤1.7	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. : ≤25	Aquatic life.[b]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Turbidity - NTU	A-Avg : ≤15 S.V : ≤27	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-Avg : ≤175 S.V : ≤225	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Chlorides - mg/l	A-Avg : ≤9 S.V : ≤15	S.V. : ≤250	Municipal or domestic supply,[b] propagation of wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A-Avg : ≤35 S.V : ≤50	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	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤25 S.V. : ≤75	≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

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[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 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	—	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.

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)
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 $CaCO_3$)	—	< 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.

445A.161 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 USES As designated in NAC 445A.159 (Most Stringent Use Listed First)
Temperature Single Value	$\Delta T = 0°C$[a]	Nov.-Apr. : ≤13°C May-Jun. : ≤17°C Jul.-Oct. : ≤23°C $\Delta T \leq 2°C$[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 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.

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)
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 Annual Average Single Value	≤3.0 NTU ≤5.0 NTU	c	Propagation of aquatic life and municipal or domestic 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	≤7 mg/l	—	Municipal or domestic supply, or both, propagation of wildlife, 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	≤10 mg/l	≤250 mg/l	
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 $CaCO_3$)	—	< 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.

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	$\Delta T = 0°C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$[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 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 (as N) - mg/l	—	c	Propagation of aquatic life.
Dissolved Oxygen	—	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,

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	—		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 $CaCO_3$)	—	< 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water and

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 Geometric Mean	—	≤126	recreation not involving contact with the water.
Single Value	—	≤410	

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.

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	$\Delta T = 0°C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$[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 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			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)
Solids Single Value	— 	 ≤80 mg/l	
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 $CaCO_3$)	 —	< 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.

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	$\Delta T = 0°C$[a]	Nov-Apr.: $\leq 13°C$ May-Jun.: $\leq 17°C$ Jul.-Oct.: $\leq 23°C$ $\Delta T \leq 2°C$[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.

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)
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.

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)
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 $CaCO_3$)	 —	< 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.

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

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	$\Delta T = 0°C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$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 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.

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)
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	≤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.

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)
Sodium Adsorption Ratio Annual Average	≤2	≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	—	< 25% change from natural conditions	Propagation of aquatic life and propagation of wildlife.
E coli - No./100ml Annual Geometric Mean	—	≤126	Recreation involving contact with the water and recreation not involving contact with the water.
Single Value	—	≤410	

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.

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	$\Delta T = 0°C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$[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.

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)
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 $CaCO_3$)	—	< 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.

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	$\Delta T = 0°C$[a]	Nov.-Apr.: $\leq 13°C$ May-Jun.: $\leq 17°C$ Jul.-Oct.: $\leq 23°C$ $\Delta T \leq 2°C$[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	 — 	 ≤0.16 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	—	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	 —	 ≤75 PCU	Municipal or domestic supply, or both, 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)
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 $CaCO_3$)	—	< 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.

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

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	$\Delta T = 0°C$[a]	Nov.-Mar.: ≤13°C Apr.-Jun.: ≤23°Cb Jul.-Oct.: ≤28°C $\Delta T \leq 2°C$	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	Total Nitrogen ≤1.2 mg/l ≤1.5 mg/l	Nitrate: ≤10 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.

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		Nitrite: ≤1[c] mg/l	
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.

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)
Sodium Adsorption Ratio Annual Average	≤3	≤8	Irrigation and municipal or domestic supply, or both.
Alkalinity (as $CaCO_3$)	—	< 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. 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.

445A.168 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.

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	$\Delta T = 0°C$[a]	Nov.-Mar.: ≤13°C Apr.-Jun.: ≤23°C[b] Jul.-Oct.: ≤28°C $\Delta T \leq 2°C$	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: ≤.06 mg/l (un-ionized)	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	—	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,

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	—		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 Single Value	≤390 mg/l ≤570 mg/l	≤500 mg/l	Municipal or domestic supply, or both, irrigation and watering of livestock.
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 $CaCO_3$)	—	< 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)
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.

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)

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	$\Delta T = 0°C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$[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 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	—	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.

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)
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	≤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 $CaCO_3$)	—	< 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.

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.

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	—	$\Delta T \leq 2°C$	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	— 	c	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.

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.

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.

445A.171 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 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	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	—	c	Aquatic life[b] and municipal or domestic supply.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM: ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
			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	—	c	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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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			Recreation involving contact with the water[b] and recreation not involving contact with the water.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Mean	—	≤126	
Single Value	—	≤410	

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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

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		Nov.-Apr.: ≤13°C May-Jun.: ≤17°C	Aquatic life[b] and recreation involving contact with the water.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
ΔT[a]	ΔT = 0°C	Jul.-Oct.: ≤23°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.: ≤.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	—	c	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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM: ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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

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.

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}	 $\Delta T = 0°C$	Nov.-Jun. : ≤21°C Jul.-Oct. : ≤32°C $\Delta T \leq 2°C$	Aquatic life.[b]
pH Units			Propagation of wildlife,[b] aquatic life,[b] recreation not

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
	—	S.V. : 6.5 - 9.0 ΔpH : ±0.5 Max.	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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤300 S.V. : ≤550	AGM : ≤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.

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	A-Avg. : ≤.06	A-Avg. : ≤0.1	Aquatic life[b] and recreation not involving contact

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
(as P) - mg/l	S.V. : ≤0.1	—	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	—	c	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤450 S.V. : ≤1800	AGM : ≤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.

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-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.: ≤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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM: ≤625 S.V.: ≤1250	AGM: ≤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.

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

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]	 $\Delta T = 0°C$	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2°C$	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.: ≤.01 S.V.: ≤.013	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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	c	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	—	< 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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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		Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C	Aquatic life[b] and recreation involving contact with the water.
ΔT[a]	ΔT = 0°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.

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	—	c	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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Fecal Coliform - No./100ml	AGM : ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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

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 (PO4) - mg/l

Annual Average.....not more than 0.5

Single Value .....not more than 0.7

Nitrates (NO3) - 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.

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 (PO4) - mg/l

Annual Average..... not more than 0.3

Single Value ..... not more than 0.4

Nitrates (NO3) - 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.

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 (PO4) - mg/l

Annual Average	not more than	0.3
Single Value	not more than	0.4

Nitrates (NO3) - 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 1,000 per 100 milliliters, nor may more than 20 percent of total samples exceed 2,400 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.

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.

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	 $\Delta T = 0°C$	Nov.-Mar. : ≤7°C Apr.-May : ≤13°C June : ≤17°C July : ≤22°C Aug. : ≤21°C: Sep.-Oct. ≤23°C $\Delta T \leq 2°C$	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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.: ≤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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM: ≤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]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Temperature °C-Maximum ΔT^a	 $\Delta T = 0°C$	Nov.-Mar. : ≤7°C Apr.-May : ≤13°C June : ≤17°C July : ≤21°C Aug. : ≤22°C Sep.-Oct. : ≤23°C $\Delta T \leq 2°C$	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: 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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-Maximum ΔT^a	 $\Delta T = 0°C$	Nov.-Mar. : ≤7°C Apr.-May : ≤13°C June : ≤17°C July : ≤21°C Aug. : ≤22°C Sep.-Oct. : ≤23°C $\Delta T \leq 2°C$	Aquatic life[b] and recreation involving contact with the 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

445A.187 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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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^{a}	 $\Delta T = 0°C$	Nov.-Mar. : ≤13°C Apr. : ≤21°C[e] May : ≤22°C[e,f] June-Oct. : ≤23°C[e,f] $\Delta T \leq 2°C$	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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤80.0 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	A-Avg. : ≤24.0	S.V. : ≤50	Aquatic life.[b]

Solids - mg/l	S.V. : ≤40.0		
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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]	 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 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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	< 25% change from natural conditions	Aquatic life[b] and wildlife propagation.
Fecal Coliform - No./100ml	AGM: ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

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

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.

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.

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

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.	SV: 7.0-8.0		SV: 0.3 AA: 0.2	SV: 5.0 AA: 3.0	SV: 70 AA: 65			no increase > 10

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
*g								
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	SV: 7.0-	SV: 0.065	SV: 0.4			SV: 17.0		no increase >

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
at Stateline *o	8.4	AA: N/A	AA: N/A			AA: N/A		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.

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[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.: ≤.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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Color - PCU	—	e	Aquatic life[b] and municipal or domestic supply.
Total Dissolved Solids - mg/l	—	c	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM: ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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 : ≤1.0 A-Avg. : ≤1.5 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	—	f	Aquatic life.[b]

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	c	Municipal or domestic supply,[b] irrigation and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	— —	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	AGM : ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

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 [a]	ΔT 2°C [a]	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.

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)
Chlorophyll a-µg/l	b		Recreation involving contact with water, propagation of aquatic life, including, without limitation, a warm-water fishery, recreation not involving contact with water and municipal or domestic supply, or both.
Total Ammonia (as N)-mg/l	—	c	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.

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)
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.

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 1 monthly mean in a calendar year at Station LWLVB 1.85 may exceed 45µg/l. "Station LWLVB 1.85" is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

(2) The mean for chlorophyll a in summer (July 1-September 30) must not exceed 40 µg/l at Station LWLVB 1.85, and the mean for 4 consecutive summer years must not exceed 30 µg/l. The sample must be collected from the center of the channel and must be representative of the top 5 meters of the channel. "Station LWLVB 1.85" is located at the center of the channel at a distance of 1.85 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

(3) The mean for chlorophyll a in the growing season (April 1-September 30) must not exceed 16 µg/l at Station LWLVB 2.7 and 9 µg/l at Station LWLVB 3.5. "Station LWLVB 2.7" is located at a distance of 2.7 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead. "Station LWLVB 3.5" is located at a distance of 3.5 miles into Las Vegas Bay from the confluence of the Las Vegas Wash with Lake Mead.

(4) The mean for chlorophyll a in the growing season (April 1-September 30) must not exceed 5 µg/l in the open water of Boulder Basin, Virgin Basin, Gregg Basin and Pierce Basin. The single value must not exceed 10 µg/l for more than 5 percent of the samples.

(5) Not less than two samples per month must be collected between the months of March and October. During the months when only one sample is available, that value must be used in place of the monthly mean.

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 100 milliliters, nor must more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

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)
Temperature Single Value	ΔT 0°C [a]	ΔT 2°C [a]	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.

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)
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 100 milliliters.

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

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.

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.
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 100 milliliters.

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.

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)

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	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 ≤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 100 milliliters.

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.

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

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).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 : ≤1.4 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. : ≤350 S.V. : ≤400	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.
Suspended Solids - mg/l	—	Annual Media: ≤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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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 = 0°C	ΔT ≤2°C	Aquatic life (warm-water fishery)[b] and recreation involving contact with the water.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
ΔT - Single Value[a]			
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 : ≤0.1 Avg.	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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Suspended Solids - mg/l	—	Annual : ≤80[e] Median	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[c]	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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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 : ≤2.4 A-Avg. : ≤2.9 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	S.V. : ≤590	A-Avg. : ≤500	Municipal or domestic supply,[b] irrigation and watering of livestock.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Suspended Solids - mg/l	—	Annual Mediar: ≤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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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 100 milliliters, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

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.

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.

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	 $\Delta T = 0°C$	Nov.-Jun.: ≤21°C Jul.-Oct.: ≤32°C $\Delta T \leq 2°C$	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 : ≤1.3 A-Avg. : ≤1.4 S.V.	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	—	c	Municipal or domestic supply,[b] irrigation and watering of livestock.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Alkalinity (as $CaCO_3$) - mg/l	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.
Fecal Coliform - No./100ml	— —	AGM: ≤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.

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	—	c	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Fecal Coliform - No./100ml	AGM : ≤500 S.V. : ≤1300	AGM : ≤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.

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	 $\Delta T = 0°C$	Nov.-Jun. : ≤21°C Jul.-Oct. : ≤32°C $\Delta T \leq 2°C$	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	—	c	Irrigation[b] and watering of livestock.
Alkalinity (as $CaCO_3$) - mg/l	—	< 25% change from natural conditions	Aquatic life[b] and propagation of wildlife.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Fecal Coliform - No./100ml	— —	AGM : ≤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.

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.

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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[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 (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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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[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. <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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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[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. <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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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[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. <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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
Alkalinity (as CO_3) - mg/l	—	<25% change from natural conditions	Aquatic life and propagation of wildlife.
Fecal Coliform - No./100ml	— S.V. <80	<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	—	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.

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

445A.222 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 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. <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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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	—	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.

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

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.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES
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.

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[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. <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	— —	≤126 ≤410	Recreation involving contact with the water[b] and recreation not involving contact with the water.

Single Value			
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.

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