PROPOSED REGULATION OF THE

STATE ENVIRONMENTAL COMMISSION

LCB File No. R160-06

January 11, 2007

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

AUTHORITY: §§1-314, NRS 445A.425 and 445A.520.

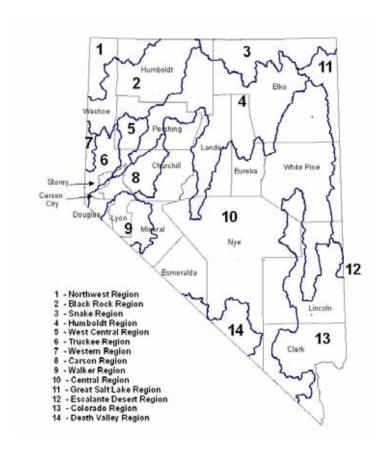
A REGULATION relating to water quality; making various changes in provisions that establish standards for water quality; and providing other matters properly relating thereto.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto the provisions set forth as sections 2 to 308, inclusive, of this regulation.

Sec. 2. The beneficial uses and water quality standards for 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 Re	ference 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 Re	ference 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 119 of this regulation
6	Truckee Region	section 120 of this regulation	sections 121 to 168, inclusive, of this regulation
7	Western Region	section 169 of this regulation	section 169 of this regulation
8	Carson Region	section 170 of this regulation	sections 171 to 199, inclusive, of this regulation
9	Walker Region	section 200 of this regulation	sections 201 to 220, inclusive, of this regulation
10	Central Region	section 221 of this regulation	sections 222 to 268, inclusive, of this regulation
11	Great Salt Lake Region	section 269 of this regulation	sections 270 to 277, inclusive, of this regulation
12	Escalante Desert Region	section 278 of this regulation	section 278 of this regulation
13	Colorado Region	section 279 of this regulation	sections 280 to 307, inclusive, of this regulation
14	Death Valley Region	section 308 of this regulation	section 308 of this regulation



Sec. 3. The beneficial uses for the Northwest Region are prescribed in this section:

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	دي	u			act	n lu	ľ					Species of	Standard NAC
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Concern	Reference
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
Catnip Reservoir	The entire reservoir.	X	X	X	X	X	X		X					section 7 of this regulation

					В	enej	ficia	l Us	ses				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Wall Canyon Reservoir	The entire reservoir.	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	wat	er									
Noncontact	Recreation not involving cont	act 1	vith	the	wat	er								
Municipal	Municipal or domestic supply	, or	both	l										
Industrial	Industrial supply													
Wildlife	Propagation of wildlife													
Aesthetic	Waters of extraordinary ecolo	gica	l or	aesi	theti	ic va	llue							
Enhance	Enhancement of water quality	v												
Marsh	Maintenance of a freshwater	mar	sh											

- Sec. 4. The standards for water quality for the Northwest Region are prescribed in sections 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern			I	<u>I</u>	<u>I</u>	<u>I</u>	I	<u>I</u>	I			
Temperature °C		SV≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤ 0.025			*	*	X	X					
(as P) - mg/l							21	21					
Dissolved Oxygen -		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
mg/l													
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		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.

^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact		Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern			ı		ı		ı					
Temperature °C ΔT ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	In	X	46	E	W
Aquatic Life Species o	f Concern												
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				21							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>SV</i> . ≤ 500 or the											
Solids - mg/l		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.

^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

pH Units Total Phosphorous (as P) - mg/l Dissolved Oxygen - mg/l Total Ammonia	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	_	X Industrial	Nitalife X	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 576$				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	f Concern		Tro	ut.	ı		ı	ı	ı	ı	ı		
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses		l	X	X	X	X	X	X	X	X			į
Aquatic Life Species of	Concern		Tro	ut.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
Temperature °C		S. V. ≤ 20 0			*	X							
pH Units		6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 3 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 beneficial uses for the Black Rock Region are prescribed in this section:

			_		В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body	Segment Description					α	1						Species of	Standard NAC
Name		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Concern	Reference
Smoke Creek	Approximately 30 miles east of													section 13 of this
	Susanville, California.													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

Water Lade					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Summit Lake	The entire lake.	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
	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
	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
Bilk Creek	From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir.	X	X	X	X	X	X	X	X				Trout	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
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	From its origin to the confluence of the East Fork and South Fork.	X	X	X	X	X	X		X					section 23 of this regulation

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Quinn River	From the point of the confluence of the East Fork and South Fork to the Fort McDermitt Indian Reservation diversion dam.	X	X		X	X	X	X	X				Trout	section 24 of this regulation
Quinn River	From the Idaho-Nevada state line in section 31, T. 48 N., R. 38 E., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E.	X	X	X		X		X	X					section 25 of this regulation
Irrigation	Irrigation		1	l		l				l				<u> </u>
Livestock	Watering of livestock													
Contact	Recreation involving contact with th	ie w	ater	•										
Noncontact	Recreation not involving contact with	th ti	he w	ater										
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, or bo	th												
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecological (or a	esth	etic	valı	ue								
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater marsh													

Sec. 12. The standards for water quality for the Black Rock Region are prescribed in sections 13 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses							I	I				7	I
Aquatic Life Species of	of Concern							<u> </u>					
Temperature °C													
Summer		S. V. ≤ 20											
Winter		S.V. ≤ 20											
pH Units		S.V. 6.5 - 8.5 Annual 7.0 - 8.0 median											
Dt t (DO 4)													
Phosphates (PO4) mg/l		$A.A. \le 0.5$ $S.V. \le 0.07$											
Nitrogen Species													
(N) - mg/l													
Nitrate		S.V. ≤ 5.0											
Dissolved Oxygen -		S.V. ≥ 7.5											
mg/l		Avg											
		(June - Sept.) ≥ 8.0											
BOD - mg/l		SV. ≤ 5.0											
Chlorides - mg/l		SV. ≤ 10.0											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
Turbidity - NTU		b							,				
Color - PCU		c											
Total Dissolved		<i>A.A.</i> ≤ 225											
Solids - mg/l		S.V. ≤ 275											
Fecal Coliform -		≤ 1,000/2,400 ^d											
No./100 ml		≤ 200/400 ^e											

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

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

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.

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.

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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	Ţ
Aquatic Life Species of	of Concern		Tro	ut.		ı	ı	ı	ı				
Temperature °C		S. V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous		S.V. ≤ 0.1			*	*	X	X					
(as P) - mg/l													
Dissolved Oxygen -		S.V. ≥ 6.0	X		*	X	X	X		X			
mg/l													
Total Ammonia		с			*								
(as N) - mg/l													
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		95th percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		AGM ≤126				*	X						
		S.V. ≤410											
Fecal Coliform-			X	X		*	X	X		X			
No./100 ml		≤ 200/400 ^d											

^{* =} The most restrictive beneficial use.

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

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

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

- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern							<u> </u>	<u> </u>				
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		Tro	ut.		ı	ı	1	ı	1	ı		1

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Mildlife .	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Temperature °C 1T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		$S.V. \leq 0.10$			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.
- Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	of Concern										1		
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X 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		<i>S.V.</i> ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		S.V. ≤ 20			*	X							
ΔT^{b}		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>S.V.</i> ≤ <i>500</i> or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Voncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		AGM ≤ 126 S.V. ≤410				*	X	7					j
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		Tro	ut.		<u> </u>	I	1	<u> </u>	<u> </u>	<u>I</u>		

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤ 20	7	7	*	X	I	I	7				I
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			I
Aquatic Life Species (of Concern			l		l	<u> </u>	<u> </u>					
Temperature °C \(AT^{b} \)		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen -		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Quinn River from its origin to the confluence of the East Fork and South Fork. This segment of Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Quinn River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X		,	
Aquatic Life Species of	of Concern			ı		ı	ı			ı	ı		
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				71							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤ 0.10			*	*	X	X					
(as P) - mg/l													
Dissolved Oxygen -		S.V. ≥ 6.0	X		*	X	X	X		X			
mg/l													
Total Ammonia		c			*								
(as N) - mg/l													
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		95th percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		AGM ≤126				*	X						
		S.V. ≤410											
Fecal Coliform-			X	X		*	X	X		X			
No./100 ml		≤ 200/400 ^d											

^{* =} The most restrictive beneficial use.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Quinn River from the point of the confluence of the East Fork and South Fork to the Fort McDermitt Indian Reservation diversion dam. This segment of Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Quinn River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Nitalife X	Aesthetic	Enhance	Marsh
Aquatic Life Species (of Concern		Tro										
	oj Concern		110	и.								•	
Temperature °C		S. V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Voncontact	Municipal	Industrial	Wildlife	4esthetic	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.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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 Quinn River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Quinn River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X	X	X	X			
Aquatic Life Species (of Concern										l		
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X		X	X			
Total Ammonia (as N) - mg/l		b			*								
E coli - No./100 ml		AGM ≤630					X						

^{* =} The most restrictive beneficial use.

- 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 beneficial uses for the Snake Region are prescribed in this section:

					В	enej	ficia	l Us	es				Aquatic	Water Quality			
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference			
Big Goose Creek		X			X	,	X					7		section 28 of this regulation			
Salmon Falls Creek		X	X	X	X	X	X	X	X					section 29 of this regulation			
Shoshone Creek		X	X	X	X	X	X	X	X					section 30 of this regulation			

Water body Name					В	enej	icia	l Us	es				Aquatic	Water Quality
	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		Standard NAC Reference
Jarbidge River, East Fork		X		X	X	X	X	X						section 31 of this regulation
Jarbidge River		X	X	X	X	X	X	X	X					section 32 of this regulation
Jarbidge River		X	X	X	X	X	X	X	X					section Error! Reference source not found. of this regulation
Bruneau River, West Fork		X	X	X	X	X	X	X	X					section 34 of this regulation
Owyhee River, East Fork		X	X	X	X	X	X	X	X					section 35 of this regulation
Owyhee River, East Fork		X	X	X	X	X	X	X	X					section 36 of this regulation
Owyhee River, East Fork		X	X	X	X	X	X	X	X					section 37 of this regulation
Owyhee River, South Fork		X	X	X	X	X	X	X	X					section 38 of this regulation
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

Water body Name					В	enej	icia	Aquatic	Water Quality					
	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Camp Creek	From its origin to the national forest boundary.	X		X	X	X	X		X		,	,		section 41 of this regulation
Camp Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	section 42 of this regulation
Cottonwood Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 43 of this
Cottonwood Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	section 44 of this regulation
Canyon Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 45 of this regulation
Canyon Creek	From the national forest boundary to its confluence with the South Fork of Salmon Falls Creek.	X	X	X	X	X	X	X	X				Trout	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

Name Segment Description Species of Concern Concern	Standard NAC Reference
Owyhee River, East Fork, above From its origin to Wildhorse X X X X X X X X X X X X X X X X X X X	
Deep Creek Reservoir. X X X X X X X X X	section 49 of this regulation
Penrod Creek tributaries to Wildhorse X X X X X X X X X	section 50 of this regulation
Keservour.	section 51 of this regulation
Hendricks Creek Reservoir.	section 52 of this regulation
Wildhorse Reservoir The entire reservoir. X X X X X X X X X X X X X X X X X X X	section 53 of this regulation
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.	section 54 of this regulation
From its origin to its Jack Creek confluence with Harrington X X X X X X X X X X X X X X X X X X X	section 55 of this regulation
Harrington Creek to the South Fork of X X X X X X X X X X X X X X X X X X	section 56 of this regulation

					В	enej	ficia	l Us	ses				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Bull Run Reservoir	The entire reservoir.	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 Contact	Watering of livestock Recreation involving contact v	vith 1	the n	vate	r									
Noncontact	Recreation not involving conta	ict w	ith t	he n	vate	r								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply,	or b	oth											
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecolog	gical	or a	estk	etic	val	ue							
Enhance	Enhancement of water quality													

Sec. 27. The standards for water quality for the Snake Region are prescribed in sections 28 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	f Concern				l .		<u>I</u>	l .	<u>I</u>		l	<u>I</u>	
Temperature °C		May - Oct < 21°											
Maximum		<i>Nov - Apr < 13 °</i>			*	X							
∆T°C ^b	$\Delta T = 0$ °	∆ T < 1 °											
pH Units	ДрН ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus					*	*	X	X					
(as P) - mg/l	_	< 0.1					A	A					
Nitrogen Species		Nitrate S.V. < 10											
(N) - mg/l	Nitrate < 1.0	<i>Nitrite S.V.</i> < 0.06	X		*	X	X	*		X			
	S.V.												
Total Ammonia (as N) - mg/l	_	с			*								
Dissolved Oxygen -			X		*	X	X	X		X			
mg/l	_	> 6.0											
Suspended		S.V. < 25			*								
Solids - mg/l	_												
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved	S.V. < 185	S.V. < 500	X	v				*					
Solids - mg/l			Λ	X									
Chlorides - mg/l	S.V. < 9.0	S.V. < 250	X	X				*		X			
Alkalinity	_	< 25% change from natural			*					X			
(as CO ₃) - mg/l		conditions								A			

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml											,		
Annual Geometric						*	X						
Mean	_	≤ 126					Λ						
Single Value	_	≤ 410											
Fecal Coliform -	_		X	X		*	X	X		X			
No./100 ml		< 200/400 ^d	A	Λ			A	A		A			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Highway 93 south of Jackpot. Salmon Falls Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Salmon Falls Creek

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER	STANDARDS FOR BENEFICIAL USES	ck	ion	2	1	ntact	ipal	ial	•	tic	г	
	QUALITY	BENEFICIAL OSES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern												
Temperature °C		May-Oct < 21°											
Maximum		NovApr. < 13 °			*	X							
∆ T℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	∆pH ± 0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus					*	*	X	X					
(as P) - mg/l	_	< 0.1					<i>A</i>	<i>A</i>					
Nitrogen Species	Nitrate S.V. < 1.0	Nitrate S.V. < 10	X		*	X	X	*		X			
(N) - mg/l		<i>Nitrite S.V.</i> < 0.06	Λ			Α	Λ			A			
Total Ammonia	_	с			*								
(as N) - mg/l													
Dissolved Oxygen -	_	> 6.0	X		*	X	X	X		X			
mg/l													
Suspended Solids -	_	S.V. < 25			*								
mg/l													
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved	S.V. < 250	S.V. < 500	X	X				*					
Solids - mg/l	5171 1250	2.7. 1300	1	**									
Chlorides - mg/l	S.V. < 14.0	S.V. < 250	X	X				*		X			
Alkalinity	_	< 25% change from natural			*					X			
(as CO ₃) - mg/l		conditions											

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml													
Annual Geometric						*	X						
Mean	_	≤ <i>126</i>					A						
Single Value	_	≤ 410											
Fecal Coliform -			X	X		*	X	X		X			
No./100 ml	S.V. <90	< 200/400 ^d											
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	Noncontact	Municipal	X Industrial	Nidlife X	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	ì	,	,
Aquatic Life Species o	f Concern			I		1	<u>I</u>		<u>I</u>				
Temperature °C		May - Oct < 21°											
Maximum		<i>Nov - Apr < 13 °</i>			*	X							
∆ T℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus					*	*	X	X					
(as P) in mg/l	_	< 0.1					Λ	A					
Nitrogen Species													
(as N) in mg/l	Nitrate < 1.0	Nitrate S.V. < 10	X		*	X	X	*		X			
	S.V.	<i>Nitrite S.V.</i> < 0.06											
Total Ammonia	_	c			*								
(as N) - mg/l													
Dissolved Oxygen -	_	> 6.0	X		*	X	X	X		X			
mg/l													
Suspended	_	S. V. < 25			*								
Solids - mg/l		20,7.5											
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved	S.V. < 250	S.V. < 500	X	X				*					
Solids - mg/l	3.7. \230	5.7. > 300	Λ	A									
Chlorides - mg/l	S.V. < 15.0	S.V. < 250	X	X				*		X			
Alkalinity	_	< 25% change from natural			*					X			
(as CO ₃) - mg/l		conditions								A			
E coli - No./100 ml		<i>AGM</i> ≤ 126				*	v						
		S.V. ≤ 410					X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	_	< 200/400 ^d	X	X		*	X	X		X		,	,
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 for the control point at the Nevada-Idaho state line. The East Fork of Jarbidge

River is located in Elko County.

STANDARDS OF WATER QUALITY

East Fork Jarbidge River

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	I
Aquatic Life Species	of Concern				<u> </u>	<u> </u>	1	1	<u> </u>		<u> </u>		
Temperature °C		May-Oct. < 21°											
Maximum		<i>NovApr.</i> < 7°			*	X							
∆ T ℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	∆pH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus		< 0.1			*	*	X	X					
(as P) in mg/l	_	< 0.1					Λ	Λ					
Nitrogen Species													
(as N) in mg/l	<i>Nitrate S.V.</i> < 1.0	Nitrate S.V. < 10	X		*	X	X	*		X			
		<i>Nitrite S.V.</i> < 0.06											
Total Ammonia	_	c			*								
(as N) - mg/l													
Dissolved Oxygen -	_	> 6.0	X		*	X	X	X		X			
mg/l													
Suspended Solids -	_	S.V. < 25			*								
mg/l		31,71 20											
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved	S.V. < 200	S.V. < 500	X	X				*					
Solids - mg/l	5.7. \200	5.7. < 300	A	Α									
Chlorides - mg/l	S.V. < 6.0	S.V. < 250	X	X				*		X			
Alkalinity	_	< 25% change from natural			*					X			
(as CO ₃) - mg/l		conditions								A			
E coli - No./100 ml		<i>AGM</i> ≤ 126				*	v						
		S.V. ≤ 410					X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 100	< 200/400 ^d	X	X		*	X	X		X			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY

Jarbidge River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	4	7	V
Aquatic Life Species	of Concern												
Temperature °C		May-Oct. < 21°											
Maximum		<i>NovApr.</i> < 7°			*	X							
∆ T ℃ ^b	$\Delta T = 0$ °	ΔT < 1 °											
pH Units	∆pH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	S.V. < 0.05	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen in mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 65	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 10	< 200/400 ^d	X	X		*	X	X		X			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Jarbidge River for the control point downstream from Jarbidge at bridge. This segment of Jarbidge River is located in Elko County.

STANDARDS OF WATER QUALITY

Jarbidge River

	REQUIREMENTS	WATER QUALITY				1	Ben	eficia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		,	
Aquatic Life Species	s of Concern			1			1			l	1		
Temperature °C		May-Oct. < 21°											
Maximum		Nov-Apr < 7°			*	X							
∆T ℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	S.V. < 0.05	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	с			*								
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 80	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				I	Bene	eficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 10	< 200/400 ^d	X	X	,	*	X	X		X		,	
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Bruneau River for the control point at Diamond "A" Road. Bruneau River is located in Elko County.

STANDARDS OF WATER QUALITY

Bruneau River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		,	
Aquatic Life Species	of Concern			l		l		l			l		
Temperature °C		May-Oct. < 21 °											
Maximum		<i>NovApr.</i> < 7°			*	X							
$\Delta T \mathcal{C}^b$	$\Delta T = 0$ °	ΔT < 1°											
pH Units	ДрН ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	_	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 180	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 7.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 80	< 200/400 ^d	X	X		*	X	X		X			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Owyhee River for the control point above Mill Creek. This segment of Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			,
Aquatic Life Species (of Concern				I								
Temperature °C		May - Oct. < 21°											
Maximum		<i>Nov - Apr < 70</i>			*	X							
∆ T℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	ДрН ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	_	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 200	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 8.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		$AGM \leq 126$ $S.V. \leq 410$				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	ivestock	rrigation	4quatic	Contact	Voncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 80	< 200/400 ^d	X	X	4	*	X	X	I	X	4	F	V
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Owyhee River for the control point at New China Dam. This segment of Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern												
Temperature °C		May - Oct < 21 °											
Maximum		<i>Nov - Apr < 7°</i>			*	X							
∆T ℃ ^b	$\Delta T = \theta$ °	ΔT < 1°											
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	-	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 250	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 8.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	S.V. < 125	< 200/400 ^d	X	X		*	X	X		X			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Owyhee River for the control point at the Nevada-Idaho state line. This segment of the Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses		1	X	X	X	X	X	X	X	X	`		
Aquatic Life Species of	of Concern					l		l	<u>I</u>	l			
Temperature °C		May - Oct < 21°											
Maximum		<i>Nov - Apr. < 7°</i>			*	X							
∆T ℃ ^b	$\Delta T = 0$ °	ΔT < 1 °											
pH Units	ДрН ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l		< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06 Ammonia S.V. < 0.02 (unionized)	X		*	X	X	*		X			
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. < 25			*								
Turbidity - NTU		S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 240	S.V. < 500	X	X				*					
Chlorides – mg/l	S.V. < 11.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	rrigation	4quatic	Contact	Voncontact	Municipal	ndustrial	Wildlife	lesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		< 200/400 °	X	X	4	*	X	X	7	X	4	F	V
Color	_	d						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature 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 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 Owyhee River for the control point at Petan Access Road. The South Fork of Owyhee River is located in Elko County.

STANDARDS OF WATER QUALITY

South Fork Owyhee River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	X Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	of Concern				<u> </u>								<u> </u>
Temperature °C		May - Oct < 21°											
Maximum		Nov - Apr < 13 °			*	X							
∆ T ℃ ^b	$\Delta T = \theta$ °	ΔT < 1 °											
pH Units	ΔpH ±0.5	6.5 - 9.0	X	X	X	*		X	X	*			
Total Phosphorus (as P) in mg/l	_	< 0.1			*	*	X	X					
Nitrogen Species (as N) in mg/l	Nitrate S.V. < 1.0	Nitrate S.V. < 10 Nitrite S.V. < 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	с			*								
Dissolved Oxygen - mg/l	_	> 6.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. < 25			*								
Turbidity - NTU	_	S.V. < 10			*			X					
Total Dissolved Solids - mg/l	S.V. < 280	S.V. < 500	X	X				*					
Chlorides - mg/l	S.V. < 15.0	S.V. < 250	X	X				*		X			
Alkalinity (as CO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		< 200/400 d	X	X		*	X	X		X			
Color	_	e						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C ΔT ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		С			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 1 S.V. ≤ 410				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	of Concern		Tro	ut.	ı	ı							ı
Temperature °C ЛТ ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	of Concern												
Temperature °C		<i>SV</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 and for the control point at Camp Creek. This segment of Camp Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Camp Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.	1	l	l	1	l				
Temperature °C \(\Delta T^{b} \)		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen -		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>S.V.</i> ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X				,	7	
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 and for the control point at Cottonwood Creek. This segment of Cottonwood Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Cottonwood Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species (of Concern								•				
Temperature °C		<i>SV</i> ≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 and for the control point at Canyon Creek. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Canyon Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X 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		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 and for the control point at Canyon Creek. This segment of Canyon Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Canyon Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses Aquatic Life Species	TO MAINTAIN EXISTING HIGHER QUALITY of Concern	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤ 20								I	l		
∆T ^b		0 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a										
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,	,	,
Aquatic Life Species	of Concern						ı						
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	L	L	X	X	X	X	X	X	X	X		7	I
Aquatic Life Species (of Concern		Tro	ut.									
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen -		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM≤126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Owyhee River from its origin to Wildhorse Reservoir. The East Fork of Owhyee River is located in Elko County.

STANDARDS OF WATER QUALITY

Owyhee River, East Fork, above Wildhorse Reservoir

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,	,	,
Aquatic Life Species	of Concern									ı			<u> </u>
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆T ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	_		į
Aquatic Life Species	of Concern				l					l		l	l
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- 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 tributaries to Wildhorse Reservoir. Penrod Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Penrod Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X 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		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,		
Aquatic Life Species	of Concern				I	l	l				I		
Temperature °C \(\Delta T^{b} \)		$S.V. \le 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	s of Concern		Tro	ut.		ı			I		I	I	ı
Temperature °C		S.V. ≤ 20 0			*	X							

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	* Aquatic	* Contact	Noncontact	Municipal	Industrial	. Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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.

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	X Contact	X Noncontact	X Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	·	X			
Aquatic Life Species	of Concern							l	l	l .			
Temperature °C \(\Delta T^{b} \)		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen -		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	s of Concern						I	I	I		I		
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10 ^b			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			Ţ
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			I
Aquatic Life Species	of Concern		Tro	ut.				l	l	l			
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 26 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	s of Concern		Tro	ut.						•			
Temperature °C		S.V. ≤ 20 0			*	X							

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	* Aquatic	* Contact	Noncontact	Municipal	Industrial	. Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

Sec. 59. The beneficial uses for the Humboldt Region are prescribed in this section:

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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.

					В	enej	ficia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
Humboldt River Near Osino	From the upstream source of the main stem downstream to Osino.	X	X		X		X	X					Warm-water fishery	section 61 of this regulation
Humboldt River at Palisade Gage	From Osino downstream 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 Gage	From the Palisade Gage downstream to the Battle Mountain Gage.	X	X	X	X	X	X	X	X				Warm-water fishery	section 63 of this regulation
Humboldt River at crossing of State Highway 789	From the Battle Mountain Gage downstream to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X				Warm-water	section 64 of this regulation
Humboldt River at Imlay	From the Comus Gage control point downstream to the control point at Imlay.	X	X	X	X	X	X	X	X				Warm-water fishery	section 65 of this regulation
Humboldt River at Woolsey	From the control point at Woolsey upstream to the Imlay control point and from Imlay downstream to the Woolsey control point.	X	X	X	X	X	X	X	X				Warm-water fishery	section 66 of this regulation
Humboldt River	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X					section 67 of this regulation

					В	enej	ficia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
Humboldt River	From Rodgers Dam to and including Humboldt Sink.	X				X	,		X					section 68 of this regulation
Humboldt River, North Fork and tributaries in the Independence Mountain Range	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 69 of this regulation
Humboldt River, North Fork	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	From its confluence with Beaver Creek to the Humboldt River.	X	X	X	X	X	X	X	X					section 71 of this regulation
Humboldt River, South Fork and tributaries	From its origin to Lee.	X	X	X	X	X	X		X					section 72 of this regulation
Humboldt River, South Fork	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	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 75 of this regulation

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
Little Humboldt River, North Fork	From the national forest boundary to its confluence with the South Fork of Little Humboldt River.	X				X			X				Trout	section 76 of this regulation
Little Humboldt River, South Fork	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	From the Elko-Humboldt county line to its confluence with the North Fork of Little Humboldt River.	X	X	X	X	X	X	X	X				Trout	section 78 of this regulation
Mary's River	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X		X					section 79 of this regulation
Mary's River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X				Trout	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

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point where they reach Maggie Creek.	X	X	X		X	X		X					section 82 of this regulation
Maggie Creek	From where it is formed by tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X				Trout	section 83 of this regulation
Maggie 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	From its confluence with Soap Creek to the Humboldt River.	X	X	X	X	X	X	X	X					section 85 of this regulation
Secret Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 86 of this regulation
Secret Creek	From the national forest boundary to the Humboldt River.	X	X	X	X	X	X	X	X				Trout	section 87 of this regulation
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.	X	X	X	X	X	X		X					section 88 of this regulation

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
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.	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	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.	X	X	X	X	X	X	X	X					section 93 of this regulation
Rock Creek	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.	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

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
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					section 98 of this regulation
	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	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 100 of this regulation
Martin Creek	From the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	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	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X		X					section 103 of this regulation

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic Enhance Marsh		Marsh	Aquatic Species of Concern	Standard NAC Reference
Huntington Creek	From the White Pine County line to its confluence with Smith Creek.	X				X	X						Trout	section 104 of this regulation
Huntington Creek	From its confluence with Smith Creek to its confluence with the South Fork of Humboldt River.	X	X	X	X	X	X	X	X					section 105 of this regulation
Green Mountain Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 106 of this regulation
Green Mountain 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	From its origin to its confluence with Indian Creek.	X	X	X	X	X	X		X					section 109 of this regulation
Reese River	From its confluence with Indian Creek to Nevada State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X				Trout	section 110 of this regulation
Reese River	North of Nevada State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X					section 111 of this regulation

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
San Juan Creek	From its origin to the national forest boundary.	X	X	X		X	X		X					section 112 of this regulation
Big Creek	From its origin to the east boundary of United States Forest Service Big Creek Campground.	X	X	X	X	X	X		X					section 113 of this regulation
Big Creek	From the east boundary of the United States Forest Service Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X				Trout	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
Iowa Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 117 of this regulation

					В	enej	icia	l Us	es					Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Aquatic Species of Concern	Standard NAC Reference
Starr Creek	From the confluence of Ackler and Herder Creeks to the Humboldt River.	X		X		X	X	X					Trout	section 118 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving conta	ıct n	vith	the 1	wate	r								
Noncontact	Recreation not involving co	onta	ict n	ith i	the 1	wate	r							
Industrial	Industrial supply													
Municipal	Municipal or domestic sup	ply,	or b	oth										
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life	!												
Aesthetic	Waters of extraordinary ec	olog	gica	l or	aest	heti	c va	lue						
Enhance	Enhancement of water qua	ılity												
Marsh	Maintenance of a freshwar	ter n	nars	h										

Sec. 60. The standards for water quality for the Humboldt Region are prescribed in sections 61 to 118, inclusive, of this regulation.

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

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	1		X	X	X	X	X	X	X	X			Ţ
Aquatic Life Species	of Concern		Wai	rm-)	vate	r fis	hery				<u> </u>	<u> </u>	
Temperature °C -					*	***							
∆T - SingleValue ^b	$\Delta T = \theta \mathcal{C}$	∆T ≤ 2 °C			*	X							
pH Units	A-Avg. 7.0 - 8.3	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Standard Units	S.V. 7.0 - 8.5	∆pH ±0.5	A	Λ	Λ			Λ	Λ				
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		Apr - Nov			*		• • • • • • • • • • • • • • • • • • • •						
(as P) - mg/l	_	Seasonal Avg. ≤0.1			Î	X	X	X					
Nitrogen species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. Apr - Nov ≤ 1.5 S.V. ≤ 2.4	Nitrite S.V. ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Total Dissolved	A-Avg. ≤370	A-Avg. ≤500	-					*					
Solids - mg/l	S.V. ≤385		X	X				*					
Suspended Solids - mg/l	_	Annual Median ≤80 ^d			*								
Sulfate - mg/l	_	S.V. ≤250						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 ≤ 75 S.V. ≤ 200	≤200/400 ^f	X	X		*	X	X		X			
Sodium - SAR	_	A-Avg. ≤8		X				X					

^{* =} The most restrictive beneficial use.

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

STANDARDS OF WATER QUALITY

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

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.

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.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses		1	X	X	X	X	X	X	X	X		,	I
Aquatic Life Species	of Concern		Wat	rm-1	vate	r fis	hery	'.	l				
Temperature °C -					*	v							
∆T - Single Value ^b	∆ T = 0 °C	ΔT≤2°C			*	X							
pH Units	A-Avg. 7.0 - 85	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Standard Units	S.V. 7.0 - 8.6	∆ pH ± 0.5	Λ	Λ	Λ			Λ	Λ				
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		Apr - Nov			*		***	**					
(as P) - mg/l	_	Seasonal Avg ≤0.1			*	X	X	X					
Nitrogen species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. Apr - Nov ≤ 1.4 S.V. ≤ 2.4	Nitrite S.V. ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Total Dissolved	A-Avg. ≤350	A-Avg. ≤500	**					*					
Solids - mg/l	S.V. ≤400		X	X				*					
Suspended Solids - mg/l	_	Annual Median ≤80 ^d			*								
Sulfate - mg/l	_	S.V. ≤250						*					
Color - PCU	e	No Adverse Effects						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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. ≤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				X					

^{* =} The most restrictive 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.
- 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.
- 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 Humboldt River from the Palisade Gage downstream to the Battle Mountain Gage. This segment of Humboldt River is located in Eureka County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	X Aquatic	Contact	X Noncontact	X Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			j
Aquatic Life Species	of Concern		Wa	rm-1	wate	er fis	her	v.	<u> </u>	<u> </u>			
Temperature °C -													
∆T - Single Value ^b	$\Delta T = \theta \mathcal{C}$	ΔT ≤ 2 °C			*	X							
pH Units	A-Avg. 7.0 - 8.4	S.V. 6.5 - 9.0	v	X	X	*		X	v	*			
Standard Units	S.V. 7.0 - 8.6	∆ pH ± 0.5	X	A	A	^		A	X	Î			
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	_	Apr - Nov			*	v	v	v					
(as P) - mg/l		Seasonal Avg. ≤0.1				X	X	X					
Nitrogen species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. Apr - Nov ≤ 1.9 S.V. ≤ 4.0	Nitrite S.V. ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Total Dissolved	A-Avg. ≤425	A-Avg. ≤500											
Solids - mg/l	S.V. ≤520		X	X				*					
Suspended Solids - mg/l	_	Annual Median ≤80 ^d			*								
Sulfate - mg/l	_	S.V. ≤250						*					
Color - PCU	e	No Adverse Effects						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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. ≤ 410				*	X						
Fecal Coliform - No./100 ml	$AGM \le 50$ $S.V. \le 200$	≤200/400 ^f	X	X		*	X	X		X			
Sodium - SAR	_	<i>A-Avg.</i> ≤ 8		X				X					

^{* =} The most restrictive 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.
- 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 Humboldt River from the Battle Mountain Gage downstream to where State Highway 789 crosses the Humboldt River. This segment of Humboldt River is located in Lander County.

STANDARDS OF WATER QUALITY

PARAMETER	REQUIREMENTS	WATER QUALITY				Be	nej	icia	ıl U	se ^a			
	TO MAINTAIN	STANDARDS FOR											
	EXISTING HIGHER	BENEFICIAL USES	ck	ion	C	\mathcal{I}	ntact	ipal	rial	<i>.</i>	tic	ce	
	QUALITY		X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	•		X	X	X	X	X	X	X	X			
Aquatic Life Species o	f Concern		Wa	ırm-	-wa	ter _.	fish	ery		l			
Temperature C -					*	X							
∆T - Single Value ^b	$\Delta T = 0 \mathcal{C}$	ΔT ≤2 °C											
pH Units	A-Avg. 7.0 - 8.5	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Standard Units	S.V. 7.0 - 8.7	ΔpH ± 0.5											
Dissolved Oxygen -		GW > 50	X		*	X	X	X		X			
mg/l	_	S.V. ≥ 5.0											
Chlorides - mg/l	<i>A-Avg.</i> ≤ 60	S.V. ≤250	X	X				*		X			
	S.V. ≤110												
Total Phosphorus	_	Apr - Nov			*	X	X	X					
(as P) - mg/l		Seasonal Avg. ≤0.1											
Nitrogen species	Total Nitrogen	Nitrate S.V. ≤10	X	X	X			*		X			
(N) - mg/l	A-Avg.	Nitrite S.V. ≤1.0											
	<i>Apr</i> - <i>Nov</i> ≤ 2.9												
	S.V. ≤3.7												
Total Ammonia		c			*								
(as N) - mg/l	_												
Total Dissolved	A-Avg. ≤500	A-Avg. ≤500	X	X				*					
Solids - mg/l	S.V. ≤560												
Suspended		Annual Median ≤80 ^d			*								
Solids - mg/l	_	Annuai Meaian 200											
Sulfate - mg/l	_	S.V. ≤250						*					
Color - PCU	e	No Adverse Effects						*					

PARAMETER	REQUIREMENTS	WATER QUALITY				Be	nef	icia	ıl U	se ^a			
	TO MAINTAIN	STANDARDS FOR											
	EXISTING HIGHER	BENEFICIAL USES	ck	no	•)	<i>t</i>	ıtact	pal	ial	.0)	ic	э	
	QUALITY		Livestock	Irrigation	Aquatic	Contact	Noncontaci	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU	_	S.V. ≤50			*			X					
E coli - No./100 ml		<i>AGM</i> ≤126				*	X						
		S.V. ≤410											
Fecal Coliform -	AGM ≤40		X	X		*	X	X		X			
No./100 ml	S.V. ≤100	≤200/400 ^f											
Sodium - SAR	_	<i>A-Avg.</i> ≤ 8		X				X					

^{* =} The most restrictive 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.
- 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 Humboldt River from the Comus Gage control point downstream to the control point at Imlay. This segment of Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

PARAMETER	REQUIREMENTS	EMENTS WATER QUALITY		Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	X Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses		1	X	X	X	X	X	X	X	X	1		j		
Aquatic Life Species of Concern			Warm-water fishery.												
Temperature °C -					*	17									
ΔT - Single Value ^b	$\Delta T = \theta \mathscr{C}$	ΔT ≤2 °C			*	X									
pH Units	A-Avg.: 7.0 - 8.5	S.V.: 6.5 - 9.0	X	X	X	*		X	X	*					
Standard Units	S.V.: 7.0 - 8.7	∆ pH: ± 0.5		Λ	Λ				Λ						
Dissolved Oxygen - mg/l	_	S.V. ≥ 5.0	X		*	X	X	X		X					
Chlorides - mg/l	A-Avg. ≤70 S.V. ≤85	S.V. ≤250	X	X				*		X					
Total Phosphorus (as P) - mg/l	_	Apr - Nov. Seasonal Avg. ≤ 0.1			*	X	X	X							
Nitrogen species (N) - mg/l	Total Nitrogen A-Avg. Apr - Nov. ≤ 2.4 S.V. ≤ 2.9	Nitrate S.V. ≤10 Nitrite S.V. ≤1.0	X	X	X			*		X					
Total Ammonia (as N) - mg/l	_	c			*										
Total Dissolved		A-Avg. ≤500	V	v				*							
Solids - mg/l	S.V. ≤590		X	X											
Suspended Solids - mg/l	_	Annual Median ≤80 ^d			*										
Sulfate - mg/l	_	S.V. ; ≤250						*							
Color - PCU	e	No Adverse Effects						*							

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
	EXISTING HIGHER	STANDARDS FOR BENEFICIAL USES	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. ≤410				*	X							
Fecal Coliform - No./100 ml	AGM≤30 S.V. ≤150	≤200/400 ^f	X	X		*	X	X		X				
Sodium - SAR	-	<i>A-Avg.</i> ≤8		X				X						

^{* =} The most restrictive 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.
- 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 Humboldt River from the control point at Woolsey upstream to the Imlay control point, and from Imlay downstream to the Woolsey control point. This segment of Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				Be	nef	icia	l U	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	1	L	X	X	X	X	X	X	X	X		7	
Aquatic Life Species of	f Concern		Wa	rm-	-wa	ter _s	fish	ery		1			
Temperature °C -					*	v							
∆T - Single Value ^b	$\Delta T = 0 \mathcal{C}$	ΔT ≤2°C			*	X							
pH Units	A-Avg. 7.0 - 8.9	S.V. 6.5 - 9.0	v	X	v	*		X	X	*			
Standard Units	S.V. 7.0 - 9.0	△pH±0.5	Λ	Λ	Λ			Λ	Λ				
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		Apr - Nov			*	v	X	v					
(as P) - mg/l	_	Seasonal Avg. ≤0.1				Λ	Λ	Λ					
Nitrogen species (N) - mg/l		Nitrate S.V. ≤10 Nitrite S.V. ≤1.0	X	X	X			*		X			
Total Ammonia (as N) - mg/l	_	с			*								
Total Dissolved	A-Avg. ≤600	A-Avg. ≤1000	X	X				*					
Solids - mg/l	S.V. ≤700		Λ	Λ									
Suspended Solids - mg/l	_	Annual Median ≤80 ^d			*								
Sulfate - mg/l	_	S.V. ≤250						*					
Color - PCU	e	No Adverse Effects						*					
Turbidity - NTU	_	S.V. ≤50			*			X					

	REQUIREMENTS	WATER QUALITY				Be	nej	icia	ıl U	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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	AGM≤100 S.V.≤200	≤200/400 ^f	X	X		*	X	X		X			
Sodium - SAR	_	A-Avg. ≰8		X				X					

^{* =} The most restrictive beneficial use.

- Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- 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.
- 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.
- 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 Humboldt River from Woolsey to Rodgers Dam. This segment of Humboldt River is located in Pershing County.

STANDARDS OF WATER QUALITY

Humboldt River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal		Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species (of Concern												
Temperature °C		S.V. ≤34			*	X							
∆ <i>T</i> ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

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

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

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

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

STANDARDS OF WATER QUALITY

Humboldt River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern				l .		l .	l	l	l .	l		
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X		X	X			
Total Ammonia (as N) - mg/l		b			*								
E coli - No./100 ml		AGM≤630					X						

^{* =} The most restrictive beneficial use.

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.

² The 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

^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 body of water known as the North Fork and tributaries in the Independence Mountain Range of Humboldt River from its origin to the national forest boundary. This segment of the North Fork and tributaries in the Independence Mountain Range of Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY Humboldt River, North Fork and Tributaries in Independence Mountain Range

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
			Λ	Λ	Λ	Λ	Λ	Λ		Λ			
Aquatic Life Species	of Concern												
Temperature °C \(AT^{b} \)		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		S. V. ≤ 20			*	X							
∆ <i>T</i> ^b		0				Α							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Humboldt River from its confluence with Beaver Creek to the Humboldt River. This segment of the North Fork of Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, North Fork

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact		Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	of Concern												
Temperature °C \(\Delta T^{b} \)		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved Solids - mg/l		$S.V. \leq 500$ or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Voncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X	7					7
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 body of water known as the South Fork and tributaries of Humboldt River from its origin to Lee. This segment of the South Fork and tributaries of Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, South Fork and Tributaries

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X		X	X	X		X			
Aquatic Life Species	of Concern									ı			<u> </u>
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Humboldt River from Lee to its confluence with the Humboldt River. This segment of the South Fork of Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Humboldt River, South Fork

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C AT ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Little

Humboldt River. This segment of Little Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Little Humboldt River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		,	1
Aquatic Life Species	of Concern			l						l	ı		
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

^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.

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

STANDARDS OF WATER QUALITY

Little Humboldt River, North Fork

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,		
Aquatic Life Species	of Concern			l	<u> </u>	l	l						
Temperature °C		S.V. ≤ 20			*	X							
∆ <i>T</i> ^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								

^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.

² The 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Little Humboldt River from the national forest boundary to its confluence with the South Fork of Little Humboldt River. This segment of the North Fork of Little Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Little Humboldt River, North Fork

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Use	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	Ì		,
Aquatic Life Species	of Concern		Tro	ut.						ı			
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Little Humboldt River from its origin to the Elko-Humboldt county line. This segment of the South Fork of Little Humboldt River is located in Elko County.

STANDARDS OF WATER QUALITY

Little Humboldt River, South Fork

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern					1	1	1					
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Little Humboldt River from the Elko-Humboldt county line to its confluence with the North Fork of Little Humboldt River. This segment of the South Fork of Little Humboldt River is located in Humboldt County.

STANDARDS OF WATER QUALITY

Little Humboldt River, South Fork

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			Ţ
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern												
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is	X	X				*					
		(whichever is											

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		1	,
Aquatic Life Species (of Concern		Tro	ut.					l .	l .	l		<u>I</u>
Temperature °C		S.V. ≤20			*	X							
∆ T ^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern			ı						ı			,
Temperature °C		SV≤20			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 body of water known as Maggie Creek
Tributaries from their origin to the point where they become Maggie Creek or the point where
they reach Maggie Creek. The Maggie Creek Tributaries are located in Elko County.

STANDARDS OF WATER QUALITY

Maggie Creek Tributaries

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			,
Aquatic Life Species of	of Concern								•				•
Temperature °C		SV. ≤20			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

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

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

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

- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 tributaries to its confluence with Jack Creek. This segment of Maggie Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Maggie Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	<i>X X</i>	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Elko County.

STANDARDS OF WATER QUALITY

Maggie Creek

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			7
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆ <i>T</i> ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.33</i>			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

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

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

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

STANDARDS OF WATER QUALITY

Maggie Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X	X	X	X			
Aquatic Life Species	of Concern			l .	I	I	l .	I	I	I	I		
Temperature °C AT b pH Units Total Phosphorous		$S.V. \le 34$ 0 $S.V. 6.5 - 9.0$ $S.V. \le 0.33$	X	X	*	*	X	X	X	*			
(as P) - mg/l Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	,	X	Ì	1	,
Aquatic Life Species	of Concern												
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 the Humboldt River. This segment of Secret Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Secret Creek

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species (of Concern		Tro	ut.									
Temperature °C		S. V. ≤ 20			*	X							
ΔT^{b}		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern							ı					
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

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

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

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

- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	g ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact		Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	f Concern			I	I	I	I				I		
Temperature °C \(\Delta T^{b} \)		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern												
Temperature °C		<i>SV</i> ≤ <i>34</i>			*	X							
ΔT^b		0				Α							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

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 Eureka County.

STANDARDS OF WATER QUALITY

Denay Creek

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic		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		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $SV \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	,	X	,	1	,
Aquatic Life Species	of Concern			l	l		l			ı			l
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	I
Aquatic Life Species	of Concern			<u>I</u>	<u>I</u>	1	<u>I</u>	1	1		<u>I</u>		
Temperature °C		<i>S.V.</i> ≤ 24			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform- No./100 ml		$\leq 200/400^{d}$	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	_	X Noncontact	X Municipal	Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
Denejiciai Oses			Λ	Λ	Λ	Λ	Λ	Λ		Λ			
Aquatic Life Species	of Concern												
Temperature °C \(AT^{b} \)		S.V. ≤ 20 0			*	X							

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER pH Units	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES S.V. 6.5 - 9.0	X Livestock	X Irrigation	* Aquatic	* Contact	X Noncontact	X Municipal	Industrial	* Wildlife	Aesthetic	Enhance	Marsh
pri enus		5.7.0.3 - 7.0	Λ	Λ			Λ	Λ					
Total Phosphorous (as P) - mg/l		$S.V. \leq 0.10$			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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 County.

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

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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.

STANDARDS OF WATER QUALITY

Rock Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern												
Temperature °C		<i>S.V.</i> ≤ <i>34</i>			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

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

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species	of Concern			ı		I		ı					
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			Į
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

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 Elko County.

STANDARDS OF WATER QUALITY

Pole Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Widlife	Aesthetic	Enhance	Marsh
Aquatic Life Species (of Concern			<u>I</u>	l .	ı	!	I		<u>I</u>	l .		
Temperature °C ЛТ ^b		$S.V. \le 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Lander County.

STANDARDS OF WATER QUALITY

Water Canyon Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	,	X	Ì	1	
Aquatic Life Species	of Concern												
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

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 Nye County.

STANDARDS OF WATER QUALITY

Martin Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species (of Concern												
Temperature °C ΔT ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. This segment of Martin Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Martin Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	,
Aquatic Life Species	of Concern		Tro	ut.		1	1						
Temperature °C AT ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

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

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

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

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X		7	7
Aquatic Life Species	of Concern			l	1	l	I	1			I		I
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				**							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X 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		<i>S.V.</i> ≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

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

STANDARDS OF WATER QUALITY

Huntington Creek

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact		X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Humboldt River. This segment of Huntington Creek is located in Elko County.

STANDARDS OF WATER QUALITY

Huntington Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Aquatic Life Species	TO MAINTAIN EXISTING HIGHER QUALITY of Concern	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
	oj concern												
Temperature °C		$S.V. \leq 24$			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
(as P) - mg/l													
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		<i>AGM</i> ≤126				*	v						
		S.V. ≤410					X						
Fecal Coliform-		≤ 200/400 ^d	X	X		*	X	X		X			
No./100 ml		2200/700	71	21			71	71		21			

^{* =} The most restrictive beneficial use.

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

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

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

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern				l	l		1	1				l
Temperature °C		$S.V. \leq 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		,	
Aquatic Life Species	of Concern		Tro	ut.	ı								
Temperature °C ∆T ^b		$S.V. \leq 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

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

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

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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X		7	7
Aquatic Life Species	of Concern			l	1	l	I	1			I		I
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				**							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	s of Concern						I					l	
Temperature °C \(\Delta T^{b} \)		S.V. ≤ 20 0			*	X							

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES S.V. 6.5 - 9.0	X Livestock	X Irrigation	* Aquatic	· Contact	X Noncontact	X Municipal	Industrial	• Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 0.3 - 9.0	A	A	•		A	A		_			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Reese River from its confluence with Indian Creek to State Route 722 (old U.S. Highway 50). This segment of Reese River is located in Lander County.

STANDARDS OF WATER QUALITY

Reese River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	,
Aquatic Life Species	of Concern		Tro	ut.	<u>I</u>	1	<u>I</u>	<u>I</u>	1	1	<u>I</u>		
Temperature °C ЛТ ^b		$S.V. \leq 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l					*	*	X	X					
Dissolved Oxygen - mg/l			X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Reese River, north of State Route 722 (old U.S. Highway 50). This segment of Reese River is located in Lander County.

STANDARDS OF WATER QUALITY

Reese River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern												

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ <i>34</i>			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		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.

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

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

- 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

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 Beneficial Uses	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a													
	EXISTING HIGHER	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh			
Aquatic Life Species	of Concern						ı						,			
Temperature °C ∆T ^b		$S.V. \le 2\theta$			*	X										
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*						
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X						
Total Ammonia (as N) - mg/l		c			*											
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*								

PARAMETER	REQUIREMENTS	WATER QUALITY		Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	Contact	Voncontact	Municipal	ndustrial	Wildlife	4esthetic	Enhance	Marsh			
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X	V	7			7	I			
Fecal Coliform- No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X						

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 United States Forest Service Big Creek Campground. This segment of Big Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Big Creek

PARAMETER	REQUIREMENTS	Beneficial Us WATER QUALITY							$\sqrt{se^a}$							
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Beneficial Uses			X	X	X	X	X	X		X						

PARAMETER	REQUIREMENTS	TO MAINTAIN STANDARDS FOR	Beneficial Use ^a												
	EXISTING HIGHER QUALITY		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Aquatic Life Species	oj Concern														
Temperature °C		$S.V. \leq 20$			*	X									
ΔT^b		0				Α									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*					
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X							
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 6.0	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
Total Dissolved		<i>SV</i> . ≤ 500 or the													
Solids - mg/l		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.

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

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

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

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 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

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a													
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Beneficial Uses	Beneficial Uses				X	X	X	X	X	X						
Aquatic Life Species	of Concern		Trout.													
Temperature °C ΔT ^b pH Units		S.V. ≤20 0 S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*						
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X								
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X						
Total Ammonia (as N) - mg/l		c			*											

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is	X	X				*					
		less).											
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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X 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		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

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

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern				l	l		1	1				l
Temperature °C		$S.V. \leq 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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		$\leq 200/400^{d}$	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		Tro	ut.		I	I		I	I	I		<u>, </u>

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			7
Aquatic Life Species	of Concern		Tro	ut.	I	l	I	l	l	l	l	l	l
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 waters in the West Central Region.
 - Sec. 120. The beneficial uses for the Truckee Region are prescribed in this section:

Water La In					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Lake Tahoe	Existing sampling points.	X	X	X	X	X	X	X	X	X			Cold-water fishery	section 122 of this regulation
Lake Tahoe Tributaries	All tributaries to Lake Tahoe located in Nevada which are not included in sections 225 to 239, inclusive, of this regulation.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 123 of this regulation

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Incline Creek, East Fork	From the ski resort to the origin of the East Fork of Incline Creek.	X	X			X					X		Cold-water fishery	section 124 of this regulation
Incline Creek, West Fork	From State Highway 431 to the origin of the West Fork of Incline Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 125 of this regulation
Incline Creek	From its confluence with Lake Tahoe to the ski resort in the East Fork of Incline Creek and to State Highway 431 in the West Fork of Incline Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 126 of this regulation
Third Creek, East Fork	At State Highway 431 to the origin of the East Fork of Third Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 127 of this regulation
Third Creek	From its confluence with Lake Tahoe to State Highway 431 in the East Fork of Third Creek and to the origin of the West Fork of Third Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 128 of this regulation
Wood Creek	From its confluence with Lake Tahoe to the origin of Wood Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 129 of this regulation
Second Creek at Second Creek Drive	From Second Creek Drive to the origin of Second Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 130 of this regulation

					В	enej	ficia	l Us	ies				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
	From its confluence with Lake	X	X	X	X			X			X		Cold-water	section 131 of
Lakeshore Drive	Tahoe to Second Creek Drive.												fishery	this regulation
First Creek at	From Dale and Knotty Pine												Cold-water	section 132 of
Dale and Knotty	Drives to the origin of First	X	X	X	X	X	X	X	X		X		fishery	this regulation
Pine Drives	Creek.												jishery	inis regulation
First Creek at Lakeshore Drive	From its confluence with Lake Tahoe to Dale and Knotty Pine Drives.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 133 of this regulation
Glenbrook Creek	From its confluence with Lake Tahoe to the origin of Glenbrook Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 134 of this regulation
Logan House Creek	From its confluence with Lake Tahoe to the origin of Logan House Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 135 of this regulation
Eagle Rock Creek	From its confluence with Edgewood Creek to the origin of Eagle Rock Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 136 of this regulation
Edgewood Creek at Palisades Drive	Fifty feet downstream from the culvert at Palisades Drive, upstream to the origins of Edgewood Creek.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 137 of this regulation
Edgewood Creek at Stateline	From its confluence with Lake Tahoe upstream to 50 feet downstream from the culvert at Palisades Drive on Edgewood Creek at Palisades Drive.	X	X	X	X	X	X	X	X		X		Cold-water fishery	section 138 of this regulation

					В	enej	ficia	l Us	ies				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Truckee River at the state line	Only at the California-Nevada state line.	X					X				,		All life stages of mountain whitefish, rainbow trout and brown trout	section 139 of this regulation
Truckee River at Idlewild	From the California-Nevada state line downstream to Idlewild.	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 East McCarran	From Idlewild downstream 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 141 of this regulation
Truckee River at Lockwood Bridge	From the East McCarran Boulevard Bridge downstream to the Lockwood Bridge.	X	X	X	X	X	X	X	X				Juvenile and adult rainbow and brown trout	section 142 of this regulation

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
	From the Lockwood Bridge downstream to Derby Dam.	X								Y .	7		Juvenile and adult rainbow and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August	section 143 of this regulation
	From Derby Dam downstream 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 144 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Truckee River at Pyramid Lake	From Wadsworth Gage downstream to Pyramid Lake.	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 145 of this regulation
Bronco Creek														section 146 of this regulation
Gray Creek														section 147 of this regulation
Hunter Creek	From its origin to Hunter Lake.	X	X	X	X	X	X	X	X					section 148 of this regulation
Hunter Lake	The entire lake.	X	X	X	X	X	X	X	X					section 149 of this regulation
Hunter Creek	From Hunter Lake to its confluence with the Truckee River.	X	X	X	X	X	X	X	X				Trout	section 150 of this regulation
Washoe Lakes	The entire lakes.	X	X	X	X	X	X	X	X					section 151 of this regulation

Waterland					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
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.	X	X			X		X						section 152 of this regulation
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.	X	X	X	X	X	X	X	X					section 153 of this regulation
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.	X	X	X	X	X	X	X	X					section 154 of this regulation
Franktown Creek	From the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	section 155 of this regulation
Hobart Reservoir and Tributaries	The entire system.	X	X	X	X	X	X	X	X				Trout	section 156 of this regulation
Ophir Creek	From its origin to State Route 429 (old U.S. Highway 395).	X	X	X	X	X	X	X	X					section 157 of this regulation
Ophir Creek	From State Route 429 (old U.S. Highway 395) to Washoe Lake.	X	X	X	X	X	X	X	X				Trout	section 158 of this regulation

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Price's Lakes	The entire lakes.	X	X		X		X	X						section 159 of this regulation
Davis Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 160 of this regulation
Galena Creek	From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X					section 161 of this regulation
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.	X	X	X	X	X	X	X	X				Trout	section 162 of this regulation
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.	X	X	X	X	X	X	X	X				Trout	section 163 of this regulation
White's Creek	From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M.	X	X	X	X	X	X	X	X					section 164 of this regulation
White's Creek	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 165 of this regulation

					В	enej	ficia	l Us	ses				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
White's Creek	Below Steamboat Ditch.	X	X	X	X	X	X	X						section 166 of this regulation
Lagomarsino Creek (Long Valley Creek)	The entire length.	X	X	X		X	X	X	X					section 167 of this regulation
Tracy Pond	The entire area.	X	X	X	X	X	X	X	X					section 168 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact	with t	he n	vate	r									
Noncontact	Recreation not involving cont	tact wi	ith t	he n	vate	r								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply	, or b	oth											
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecolo	ogical	or a	esth	etic	val	ue							
Enhance	Enhancement of water quality	y												
Marsh	Maintenance of a freshwater	marsi	'n											

Sec. 121. The standards for water quality for the Truckee Region are prescribed in sections 122 to 168, inclusive, of this regulation.

Sec. 122. The limits of this table apply to the body of water known as Lake Tahoe for the control point and its existing sampling points. This segment of Lake Tahoe is located in Washoe County.

STANDARDS OF WATER QUALITY

Lake Tahoe

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	X		,
Aquatic Life Species of	Concern		Col	d-w	ater	fisi	hery	·	1	1			
Temperature °C-		Oct 1 - May 31 ≤ 10 °C											
Maximum		June 1 - Sept $30 \le 20 \text{C}$ $\Delta T^b = \le 0 \text{C}$			*	X							
pH Units		S.V. 7.0-8.4	X	X	*	*		X	X	*			
Dissolved Oxygen - % of saturation		S.V. 90.0	X		*	X	X	X		X			
Chlorides - mg/l		A.A. ≤3.0 S.V. ≤5.0	X	X	*			X		X			
Soluble Phosphorus (as P) - mg/l		A-Avg. ≤ 7.0			*	X	X	X					
Nitrogen Species		Nitrite S.V. ≤2.0											
(N) - mg/l		Total Nitrogen A -Avg. ≤ 0.25 $S.V. \leq 0.32$		X	X			*		X			

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Soluble												·	
Inorganic Nitrogen -			*	X	X			*		X			
μg/l		A-Avg ≤ 25.0											
Unionized Ammonia - mg/l		S.V. ≤0.003			*								
Total Dissolved		A.A. ≤ 60.0		**				*					
Solids - mg/l		S.V. ≤70.0	X	X				*					1
Turbidity		C			*			X					
Specific Electrical													
Conductance		A.A. ≤95.0						*					
micromhos per cm at		S.V. ≤105.0						-					
20°													
Clarity		d			*						X		
Coliform Organisms -		e	X	X		*	X	X		X			
MPN/100 ml													
E coli - No./100 ml		S.V. ≤ 126				*	X						
Single Value		_											
Algal Growth Potential		f									X		
Sulfate - mg/l		S.V. ≤2.0						X					
Sodium - SAR		A-Avg. ≤8		X									
Plankton Count -		Avg. (June - Sept) ≤100.0									X		
number per ml		S.V. ≤500.0									A		

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above 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:
 - 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.
 - 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.
 - 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.
- 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
5.0	32.0
3.0	15.0
240.0	700.0
15.0	64.0
240.0	700.0
32.0	240.0
	5.0 3.0 240.0 15.0

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. 123. The limits of this table apply to the body of water known as Lake Tahoe

Tributaries which are located in Nevada and which are not included in sections 225 to 239,

inclusive, of this regulation. The Lake Tahoe Tributaries are located in Washoe County.

STANDARDS OF WATER QUALITY

Lake Tahoe Tributaries

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	I
Aquatic Life Species	of Concern		Cole	l-wa	iter j	fishe	ery.		<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Temperature C - Maximum		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V.: ≤5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l		Nitrite S.V. ≤0.06 Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l		A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Suspended Solids mg/l		S.V. ≤25.0			*							*	
Color - PCU		S.V. ≤75.0						*				*	
E coli - No./100 ml Single Value		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 124. The limits of this table apply to the body of water known as the East Fork of Incline Creek from the ski resort to the origin of the East Fork of Incline Creek. The East Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

East Fork of Incline Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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	s of Concern		Col	d-w	ater .	fish	ery.	1	1	1	1		1

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature C -		Oct 1 - May 31 ≤ 10 °C			*	X							
Maximum		June 1 - Sept 30 ≤ 20 °C				Λ							
pH Units	S.V. 7.0 - 7.9	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤4.0	S.V. ≤ 5.0		17	*					17			
	A.A. ≤2.0		X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	Nitrite S.V. ≤0.06											
(N) - mg/l	Nitrogen (as	Nitrate S.V. ≤10											
	N) mg/l			X	X			*		X		*	
	S.V. ≤1.1												
	A.A. ≤ 0.4												
Unionized Ammonia - mg/l		S.V.: ≤0.004			*								
Total Dissolved	S.V. ≤70												
Solids - mg/l	A.A. ≤55	A.A. ≤500.0	X	X				*					
Turbidity		S.V.: ≤10.0			*			X				*	
Total Suspended Solids mg/l		S.V.: ≤25.0			*							*	
Color - PCU	No increase > 10	S.V.: ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR		<i>A-Avg.</i> ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 125. The limits of this table apply to the body of water known as the West Fork of Incline Creek from State Highway 431 to the origin of the West Fork of Incline Creek. The West Fork of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

West Fork of Incline Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X		X	X		X	
Aquatic Life Specie	s of Concern		Colo	d-wa	iter j	fishe	ery.						
Temperature °C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Chloride - mg/l	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES S.V. ≤ 5.0	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chioriae - mg/i	S.V. ≤ 6.0 A.A. ≤ 5.0	3.7. \(\(\sigma \).0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg.: ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	<i>Nitrite S.V.</i> ≤ 0.06											
(N) - mg/l	Nitrogen (as N) mg/l	Nitrate S.V. ≤10		X	X			*		X		*	
	$S.V. \le 0.9$ $A.A. \le 0.5$												
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*								
Total Dissolved	S.V. ≤80			**				*					
Solids - mg/l	A.A. ≤80	A.A. ≤500.0	X	X				*					
Turbidity	S.V. ≤3.0 A.A. ≤20	S.V. ≤10.0			*			X				*	
Total Suspended	S.V. ≤N/A	S.V. ≤25.0			*							*	
Solids mg/l	A.A. ≤8.0												
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Sec. 126. The limits of this table apply to the body of water known as Incline Creek from its 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. This segment of Incline Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Incline Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses Aquatic Life Species of C	TO MAINTAIN EXISTING HIGHER QUALITY Concern	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	x Aquatic	X	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	X Enhance	Marsh
Temperature C -		Oct. 1 May 31: ≤10 °C						l					
Maximum		June 1 - Sept.30: ≤20 °C			*	X							
pH Units	S.V. 7.0 - 8.3	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 8.0 A.A. ≤ 6.0	S.V. ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l $S.V. \le 1.8$ $A.A. \le 1.2$	Nitrite S.V. ≤0.06 Nitrate S.V. ≤10		X	X			*		X		*	

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l	S.V. ≤85 A.A. ≤70	A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids mg/l		S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		<i>A-Avg.</i> ≤ 8		X									

^{* =} The most restrictive beneficial use.

Sec. 127. The limits of this table apply to the body of water known as the East Fork of Third Creek from State Highway 431 to the origin of the East Fork of Third Creek. The East Fork of Third Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

East Fork of Third Creek

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	Concern		Col	d-we	ater _.	fish	ery.	I		I	l		
Temperature C - Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤5.0 A.A. ≤3.0	S.V. ≤5.0	X	X	*			X		X			
Total Phosphates	S.V.				*	X	X	X				*	
(as P) - mg/l	A.A. ≤ 0.045	$A\text{-}Avg. \leq 0.05$				A	A	<i>A</i>					
Nitrogen Species	Total	<i>Nitrite S.V.</i> ≤ 0.06											
(N) - mg/l	Nitrogen (as N) mg/l $S.V. \le 0.5$ $A.A. \le 0.3$	Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l	S.V. ≤80 A.A. ≤65	A.A. ≤500.0	X	X				*					
Turbidity	S.V. ≤3.0 A.A. ≤2.0	S.V. ≤10.0			*			X				*	
Total Suspended Solids mg/l	S.V. ≤N/A A.A. ≤20.0	S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
E coli - No./100 ml		S.V. ≤126		7	1	*	X	I	7			7	I
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 128. The limits of this table apply to the body of water known as Third Creek from its 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. Third Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Third Creek

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	Concern		Col	d-w	ater _.	fish	ery.			I	I		
Temperature °C- Maximum		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X							
pH Units	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l	S.V. ≤5.0 A.A. ≤4.0	S.V. ≤5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l $S.V. \le 1.4$ $A.A. \le 1.0$	Nitrite S.V. ≤0.06 Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l	S.V. ≤75 A.A. ≤55	A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids - mg/l		S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		<i>A-Avg.</i> ≤ 8		X									

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Sec. 129. The limits of this table apply to the body of water known as Wood Creek from its confluence with Lake Tahoe to the origin of Wood Creek. Wood Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Wood Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	Concern		Col	d-we	iter	fish	ery.						
Temperature C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A.A. ≤ 3.0	S.V. ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) -	Total	Nitrite S.V. ≤0.06											
mg/l	Nitrogen (as N) mg/l $S.V. \leq 0.7$ $A.A. \leq 0.5$	Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	S.V. ≤70 A.A. ≤60	A.A.;≤500.0	X	X				*					
Turbidity	A.A. 5 00	S.V.≤10.0			*			X				*	
Total Suspended Solids - mg/l		S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 130. The limits of this table apply to the body of water known as Second Creek from Second Creek Drive to the origin of Second Creek. This segment of Second Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Second Creek at Second Creek Drive

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses		,	X	X	X		X	X	X	X		X	
Aquatic Life Species of C	Concern		Colo	d-wa	ıter j	fishe	ery.	l	l	l			
Temperature °C- Maximum		Oct. 1 - May 31 ≤ 10 °C Tune 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.0	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l	S.V. ≤ 5.0 A.A. ≤ 3.0	S.V. ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	Nitrite S.V. ≤0.06											
(N) - mg/l	Nitrogen (as N) mg/l $S.V. \leq 0.3$ $A.A. \leq 0.2$	Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V: ≤0.004			*								
Total Dissolved Solids - mg/l	S.V. ≤ 70 A.A. ≤ 65	A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids		S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						

REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY Sulfate - mg/l Sodium - SAR	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Sulfate - mg/l		S.V. ≤250.0						X							
Sodium - SAR		<i>A-Avg.</i> ≤ 8		X											

^{* =} The most restrictive beneficial use.

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

STANDARDS OF WATER QUALITY

Second Creek at Lakeshore Drive

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses				X	X	X	X	X	X	X		X	
quatic Life Species of Concern			Col	d-w	ater	fish	ery.	<u>I</u>					
Temperature °C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept.30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V.: ≥ 6.0	X		*	X	X	X		X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l	S.V. ≤6.0	S.V. ≤5.0	X	X	*			X		X			
	A.A. ≤3.0		Λ	A				A		Α			
Total Phosphates		A-Avg. ≤ 0.05			*	X	X	X				*	
(as P) - mg/l		71 717g. 2 0.00				21	21	21					
Nitrogen Species	Total	Nitrite S.V. ≤ 0.06											
(N) - mg/l	Nitrogen	Nitrate S.V. ≤10											
	(as N) mg/l			X	X			*		X		*	
	S.V. ≤ 0.6												
	A.A. ≤0.3												
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved	S.V. ≤80							*					
Solids - mg/l	A.A. ≤60	A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids -		S.V. ≤25.0			*							*	
mg/l		5.7.225.0											
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤ 126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Sec. 132. The limits of this table apply to the body of water known as First Creek from Dale and Knotty Pine Drives to the origin of First Creek. This segment of First Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

First Creek at Dale and Knotty Pine Drives

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a													
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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			Cole	d-wa	iter j	fishe	ery.	l								
Temperature C-		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X										
	GV 70 01	-		**	*	*		•	**	*						
pH Units	S.V. 7.0 - 8.1	S.V. 6.5 - 9.0	X	X				X	X							
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X						
Chloride - mg/l	S.V. ≤3.0 A.A. ≤2.0	S.V. ≤5.0	X	X	*			X		X						
Total Phosphates (as P) - mg/l	S.V. A.A. ≤ 0.043	A-Avg. ≤ 0.05			*	X	X	X				*				
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l $S.V. \le 0.3$ $A.A. \le 0.2$	Nitrite S.V. ≤0.06 Nitrate S.V. ≤10		X	X			÷		X		÷				
Unionized Ammonia - mg/l		S.V. ≤0.004			*											

PARAMETER	REQUIREMENTS	WATER QUALITY				В	ene	ficia	al Use ^a							
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Total Dissolved Solids - mg/l	S.V. ≤80 A.A. ≤70	A.A. ≤500.0	X	X				*								
Turbidity	S.V. ≤4.0 A.A. ≤2.0	S.V. ≤10.0			*			X				*				
Total Suspended Solids mg/l		S.V. ≤25.0			*							*				
Color - PCU	No increase > 10	S.V. ≤75.0						*				*				
E coli - No./100 ml		S.V. ≤126				*	X									
Sulfate - mg/l		S.V. ≤250.0						X								
Sodium - SAR		A-Avg. ≤8		X												

^{* =} The most restrictive beneficial use.

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

STANDARDS OF WATER QUALITY

First Creek and Lakeshore Drive

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses		1	X	X	X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern		Col	d-w	ater	fish	ery.	1	1						
Temperature C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X									
pH Units	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*					
Dissolved Oxygen - mg/l		S.V.:≥ 6.0	X		*	X	X	X		X					
Chloride - mg/l	S.V. ≤4.0 A.A. ≤3.0	S.V. ≤ 5.0	X	X	*			X		X					
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	X	X	X				*			
Nitrogen Species	Total	Nitrite S.V. ≤0.06													
(N) - mg/l	Nitrogen (as N) mg/l $S.V. \le 0.6$ $A.A. \le 0.3$	Nitrate S.V. ≤10		X	X			*		X		*			
Unionized Ammonia - mg/l		S.V. ≤ 0.004			*										
Total Dissolved Solids - mg/l	S.V. ≤90 A.A. ≤75	A.A. ≤500.0	X	X				*							
Turbidity	S.V. ≤9.0 A.A. ≤8.0	S.V. ≤10.0			*							*			
Total Suspended Solids mg/l		S.V. ≤25.0			*							*			
Color - PCU	No increase > 10	S.V. ≤75.0						*				*			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		<i>A-Avg.</i> ≤ 8		X									

^{* =} The most restrictive beneficial use.

Sec. 134. The limits of this table apply to the body of water known as Glenbrook Creek from its confluence with Lake Tahoe to the origin of Glenbrook Creek. Glenbrook Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Glenbrook Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	oncern		Col	d-w	ater	fish	ery.	<u> </u>		l	<u> </u>		
Temperature C- Maximum		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X							
pH Units	S.V. 7.0 - 8.2	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V.: ≥ 6.0	X		*	X	X	X		X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chloride - mg/l		S.V.: ≤5.0	X	X	*			X		X			
Total Phosphates	S.V. ≤ 0.060				*	v	v	v				*	
(as P) - mg/l	A.A. N/A	$A\text{-}Avg. \leq 0.05$				X	X	X					
Nitrogen Species	Total	<i>Nitrite S.V.</i> ≤ 0.06											
(N) - mg/l	Nitrogen	Nitrate S.V. ≤10											
	(as N) mg/l			X	X			*		X		*	
	S.V. ≤ 0.5												
	A.A. ≤0.5												
Unionized Ammonia -		S.V. ≤0.004			*								
mg/l		5.7.20.004											
Total Dissolved Solids -		A.A. ≤500.0	X	X				*					
mg/l		A.A. 2 300.0	A	Λ									
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids -	S.V. ≤22.0	S.V. ≤25.0			*							*	
mg/l	A.A. N/A												
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		<i>A-Avg.</i> ≤ 8		X									

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

STANDARDS OF WATER QUALITY

Logan House Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	Concern		Col	d-we	ater	fish	ery.	<u>I</u>	<u>I</u>				ı
Temperature C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.5	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤ 5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V.: ≤0.035 A.A.: ≤0.035	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species (N) - mg/l	Total Nitrogen (as N) mg/l S.V.: ≤ 0.5 A.A.: ≤ 0.5	Nitrite S.V. ≤0.06 Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids - mg/l	SV. ≤11.0 A.A. N/A	S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 136. The limits of this table apply to the body of water known as Eagle Rock Creek from its confluence with Edgewood Creek to the origin of Eagle Rock Creek. Eagle Rock Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Eagle Rock Creek

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	X Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife X	Aesthetic	X Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		X	
Aquatic Life Species of C	Concern		Col	d-we	ater _.	fish	ery.	I					
Temperature C- Maximum		Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C			*	X							
pH Units	S.V. 7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤0.050 A.A. ≤0.045	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	Nitrite S.V. ≤ 0.06											
(N) - mg/l	Nitrogen (as N) mg/l S.V. ≤ 0.2 A.A. ≤ 0.3	Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l		A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids - mg/l	S.V. ≤12.0 A.A. ≤12.0	S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 137. The limits of this table apply to the body of water known as Edgewood Creek from the control point at Palisades Drive, 50 feet downstream from the culvert at Palisades Drive, upstream to the origin of Edgewood Creek. This segment of Edgewood Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Edgewood Creek at Palisades Drive

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic		X Noncontact	X Municipal	X Industrial	Nitalife X	Aesthetic	X Enhance	Marsh
Aquatic Life Species of C	Concern		Col	d-w	ater _.	fish	ery.						
Temperature C- Maximum		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X							
pH Units	7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤5.0	X	X	*			X		X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l	S.V. ≤0.100 A.A. N/A	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	Nitrite S.V. ≤0.06											
(N) - mg/l	Nitrogen (as N) mg/l $S.V. \le 0.6$	Nitrate S.V. ≤10		X	X			*		X		*	
	A.A. ≤ 0.6												
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l		A.A. ≤500.0	X	X				*					
Turbidity		S.V. ≤10.0			*			X				*	
Total Suspended Solids	S.V. N/A A.A. N/A	S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 138. The limits of this table apply to the body of water known as Edgewood Creek from its confluence with Lake Tahoe upstream to 50 feet downstream from the culvert at

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Palisades Drive on Edgewood Creek at Palisades Drive. This segment of Edgewood Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Edgewood Creek at Stateline

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 C	Concern		Col	d-w	ater	fish	iery.						
Temperature C- Maximum		<i>Oct 1 - May 31 ≤ 10 °C June 1 - Sept 30 ≤ 20 °C</i>			*	X							
pH Units	7.0 - 8.4	S.V. 6.5 - 9.0	X	X	*	*		X	X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Chloride - mg/l		S.V. ≤5.0	X	X	*			X		X			
Total Phosphates (as P) - mg/l	S.V. ≤0.065 A.A. N/A	A-Avg. ≤ 0.05			*	X	X	X				*	
Nitrogen Species	Total	Nitrite S.V. ≤0.06											
(N) - mg/l	Nitrogen (as N) mg/l S.V. ≤ 0.4 A.A. N/A	Nitrate S.V. ≤10		X	X			*		X		*	
Unionized Ammonia - mg/l		S.V. ≤0.004			*								
Total Dissolved Solids - mg/l		A.A.: ≤500.0	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity		S.V.: ≤10.0			*			X				*	
Total Suspended Solids - mg/l	S.V. 17.0 A.A. N/A	S.V. ≤25.0			*							*	
Color - PCU	No increase > 10	S.V. ≤75.0						*				*	
E coli - No./100 ml		S.V. ≤126				*	X						
Sulfate - mg/l		S.V. ≤250.0						X					
Sodium - SAR		A-Avg. ≤8		X									

^{* =} The most restrictive beneficial use.

Sec. 139. The limits of this table apply to the body of water known as Truckee River, only at the California-Nevada state line. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern								tain vn t			sh,	
Temperature °C-		Nov - Mar ≤7°C											
Maximum		<i>Apr</i> - <i>May</i> ≤ 13 °C											
		June ≤17°C											
		<i>July</i> ≤ 22 °C			*	X							
		Aug ≤ 21 °C											
		Sept - Oct ≤23 ℃											
∆ <i>T</i> ^b		$\Delta T_{\leq 2} \mathcal{C}$											
pH Units	7.0 - 8.3	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
		$\Delta pH \pm 0.5 Max$.	A	Λ	Λ			Λ	Λ				
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	Total	Nitrate S.V. ≤2.0											
(N) - mg/l	Nitrogen A-Avg. ≤ 0.3	Nitrite S.V. ≤0.04	X		*	X	X	*		X			
	S.V. ≤ 0.43												
Total Ammonia		c			*								
(as N) - mg/l	_	•			*								
		S.V.											
Dissolved Oxygen -	_	<i>Nov - Mar ≥ 6.0</i>	X		*	X	X	X		X			
mg/l	_	$Jun - Oct \ge 5.0$											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids -	A-Avg. ≤15				*								
mg/l	_	S.V. ≤25											
Turbidity - NTU	$A-Avg. \le 5.0$ $S.V. \le 9.0$	S.V. ≤10.00			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved Solids -	<i>A-Avg.</i> ≤ 70	A-Avg. ≤500	.,	***				*					
mg/l	S.V. ≤85		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	<i>A-Avg.</i> ≤ 0.5	<i>A-Avg.</i> ≤8		*				X					
	S.V. ≤0.6							Α					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	<i>≤410</i>											
Fecal Coliform-	<i>AGM</i> ≤ 30		v	v		*	v	v		v			
No./100 ml	S.V. ≤150	≤200/400 ^e	X	X			X	X		X			
BOD - mg/l		A-Avg. ≤ 2.5						*					
		S.V. ≤3.0											

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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. 140. The limits of this table apply to the body of water known as Truckee River from the California–Nevada state line downstream to Idlewild. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation		Contact	Noncontact	Municipal	,		Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	of Concern		All rair		_		-			whi		sh,	
Temperature C -		Nov - Mar ≤7°C											
Maximum		Apr - May ≤13 °C											
		June ≤17 °C											
		<i>July</i> ≤ 21 °C			*	X							
		<i>Aug</i> ≤ 22 ℃											
		Sept - Oct ≤23 °C											
∆ <i>T</i> ^b		$\Delta T_{\leq 2} q_C$											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units	7.2 - 8.3	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤ 0.05	A-Avg. ≤0.10			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V. ≤ 0.02	S.V. ≤0.05			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A -Avg. ≤ 0.3 $S.V. \leq 0.43$	Nitrate S.V. ≤2.0 Nitrite S.V. ≤0.04	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_ _	S.V. Nov - Mar ≥ 6 . Jun - Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	A-Avg. ≤15.0	S.V. ≤25			*								
Turbidity - NTU	$A-Avg. \le 6.0$ $S.V. \le 9.0$	S.V. ≤10.00			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤80 S.V. ≤95	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 7.0$ $S.V. \le 10.0$	S.V. ≤250	X	X				*		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/l	$A-Avg. \le 7.0$ $S.V. \le 8.0$	S.V. ≤250						*					
Sodium - SAR	$A-Avg. \le 0.5$ $S.V. \le 0.6$	A-Avg. ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								A			
E coli - No./100 ml Annual Geometric													
Mean	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM ≤ 50			•			•	**		•			
No./100 ml	S.V. ≤200	≤200/400 °	X	X		*	X	X		X			
BOD - mg/l		$A-Avg. \le 2.5$ $S.V. \le 3.0$						*					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 Truckee River from Idlewild downstream to the East McCarran Boulevard Bridge. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact			X Industrial		Aesthetic	Enhance	Marsh
Concern						-					sh,	
	Nov - Mar ≤7°C											
	<i>Apr - May ≤ 13 °C</i>											
	June ≤17°C											
	<i>July</i> ≤ 21 °C			*	X							
	Aug ≤ 22 °C											
	Sept - Oct ≤23 ℃											
	$\Delta T_{\leq 2} \sim$											
7.0 - 8.5	S.V. 6.5 - 9.0	v	V	V	*		V	V	*			
	$\Delta pH \pm 0.5 Max$.	Λ	Α	A			Α	A				
4-4va < 0.05	4-4va < 0.10			*	*	V	V					
21-21yg. 3 0.00	71-71vg, 2 0-10					71	71					
S.V. ≤ 0.02	S.V. ≤0.05			*	*	X	X					
	TO MAINTAIN EXISTING HIGHER QUALITY Concern 7.0 - 8.5 A-Avg. ≤ 0.05	WATER QUALITY TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES Nov - Mar $\leq 7^{\circ}$ C Apr - May $\leq 13^{\circ}$ C June $\leq 17^{\circ}$ C July $\leq 21^{\circ}$ C Aug $\leq 22^{\circ}$ C Sept - Oct $\leq 23^{\circ}$ C $\Delta T_{\leq 2^{\circ}}$ C 7.0 - 8.5 S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 \text{ Max.}$ A-Avg. ≤ 0.05 A-Avg. ≤ 0.10	WATER QUALITY TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES All rain Nov - Mar \leq 7 °C Apr - May \leq 13 °C June \leq 17 °C July \leq 21 °C Aug \leq 22 °C Sept - Oct \leq 23 °C Δ T \leq 2 °C 7.0 - 8.5 S.V. 6.5 - 9.0 Δ pH \pm 0.5 Max. A-Avg. \leq 0.05 A-Avg. \leq 0.10	TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES All life rainbox Nov - Mar \leq 7°C Apr - May \leq 13°C June \leq 17°C Aug \leq 22°C Sept - Oct \leq 23°C $\Delta T \leq$ 2°C $\Delta PH \pm 0.5 \ Max.$ A-Avg. \leq 0.05 A-Avg. \leq 0.10	TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES All life stag rainbow tree Nov - Mar \leq 7 °C Apr - May \leq 13 °C June \leq 17 °C Aug \leq 22 °C Sept - Oct \leq 23 °C AT \leq 2 °C 7.0 - 8.5 S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 \ Max$. $X \times X \times$	WATER QUALITY STANDARDS FOR BENEFICIAL USES All life stages of rainbow trout of the stages of t	WATER QUALITY STANDARDS FOR BENEFICIAL USES Water QUALITY STANDARDS FOR BENEFICIAL USES All life stages of m rainbow trout and Nov - Mar \leq 7°C Apr - May \leq 13°C June \leq 17°C July \leq 21°C Aug \leq 22°C Sept - Oct \leq 23°C $\Delta T \leq$ 2°C 7.0 - 8.5 S.V. 6.5 - 9.0 $\Delta PH \pm 0.5 \text{ Max.}$ A -Avg. \leq 0.05 A -Avg. \leq 0.10 * * X	WATER QUALITY TO MAINTAIN EXISTING HIGHER QUALITY $ \begin{array}{cccccccccccccccccccccccccccccccccc$	WATER QUALITY TO MAINTAIN EXISTING HIGHER QUALITY $ \begin{array}{cccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES WATER QUALITY STANDARDS FOR BENEFICIAL USES All life stages of mountain who rainbow trout and brown trout Nov - Mar \leq 7 °C Apr - May \leq 13 °C June \leq 17 °C July \leq 21 °C Aug \leq 22 °C Sept - Oct \leq 23 °C AT \leq 2 °C \leq 20 °C \leq 30 °C \leq 40 °C \leq 40 °C ApH \pm 0.5 Max. A-Avg. \leq 0.05 A-Avg. \leq 0.10 WATER QUALITY STANDARDS FOR \Rightarrow	WATER QUALITY STANDARDS FOR BENEFICIAL USES All life stages of mountain whitefirm and brown trout. Nov - Mar \leq 7 °C Apr - May \leq 13 °C July \leq 21 °C Sept - Oct \leq 23 °C AT \leq 2 °C Sept - Oct \leq 23 °C ApH \pm 0.5 Max. A-Avg. \leq 0.05 A-Avg. \leq 0.10 WATER QUALITY STANDARDS FOR BENEFICIAL USES The property of th	WATER QUALITY STANDARDS FOR BENEFICIAL USES WATER QUALITY STANDARDS FOR WATER QUALITY STANDARDS FOR WATER QUALITY STANDARDS FOR WATER QUALITY STANDARDS FOR WATER QUALITY ALI USES WATER QUALITY STANDARDS FOR WATER QUALITY ALI USES WATER QUALITY STANDARDS FOR WATER QUALITY ALI USES WATER QUALI

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species	Total	Nitrate S.V. ≤2.0											
(N) - mg/l	Nitrogen $A-Avg. \le 0.3$ $S.V. \le 0.43$	Nitrite S.V. ≤0.04	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
		S.V.											
Dissolved Oxygen -	_	$Nov - Mar \ge 6.0$	X		*	X	X	X		X			
mg/l	_	Jun - Oct. ≥ 5.0											
Suspended	A-Avg. ≤15.0				*								
Solids - mg/l	_	S.V. ≤25			*								
Turbidity - NTU	A-Avg. ≤ 6.0	S.V. ≤10.0			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤90	A-Avg. ≤500		1/				*					
Solids - mg/l	S.V. ≤120		X	X				•					
Chlorides - mg/l	$A-Avg. \le 7.0$ $S.V. \le 10.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	$A-Avg. \le 7.0$ $S.V. \le 8.0$	S.V. ≤250						*					
Sodium - SAR	$A-Avg. \le 0.5$ $S.V. \le 0.6$	A-Avg. ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					v			
(as CaCO ₃) - mg/l	_	conditions								X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM ≤ 75.0		Ī.,										
No./100 ml	S.V. ≤350.0	≤200/400 ^e	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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 Truckee River from the East McCarran Boulevard Bridge downstream to the Lockwood Bridge. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern		Juv		le ar	id a	dult	raii	nboi	w an	d bi	owi	7
Temperature °C-		Nov - Mar ≤13 °C											
Maximum		<i>Apr</i> ≤ 21 °C °											
		$May \leq 22 \mathcal{C}^{c,d}$			*	X							
		June - Oct ≤23 °C c,d											
△ <i>T</i> ^b		ΔT ≤2 °C											
pH Units	7.1 - 8.5	S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Ortho Phosphate (as P) - mg/l	S.V. ≤0.02	S.V. ≤0.05			*	*	X	X					
Nitrogen Species		Total N											
(N) - mg/l		A-Avg. ≤ 0.75											
		S.V. ≤1.2	X		*	X	X	*		X			
		Nitrate S.V. ≤2.0											
		Nitrite S.V. ≤0.04											
Total Ammonia	_	e			*								
(as N) - mg/l													
Dissolved Oxygen -		S.V.											
mg/l	_	<i>Nov - Mar ≥ 6.0</i>	X		*	X	X	X		X			
	_	Jun - Oct ≥ 5.0											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended	A-Avg. ≤25.0				*								
Solids - mg/l	_	S.V. ≤50											
Turbidity - NTU		S.V. ≤10.0			*			X					
Color - PCU	f	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤210	A-Avg. ≤ 500	**	**				*					
Solids - mg/l	S.V. ≤260		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	<i>A-Avg.</i> ≤ 8		*				v					
	S.V. ≤2.0			*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM ≤90.0		*7	*7		*	*7	**		**			
No./100 ml	S.V. ≤300.0	≤200/400 ^g	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature 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.
- When flows are adequate to induce spawning runs of cui-ui and Lahontan cutthroat trout, the standard is 14 °C from

 April through June.
- 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.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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 Truckee River from the Lockwood Bridge downstream to Derby Dam. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		7 2 4 0 5 5 2 2 4 8		are ted t	6 0							

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature C -		Nov - Mar ≤13 °C											
Maximum		<i>Apr</i> ≤21 °C °											
		May ≤22 °C c,d			*	X							
		June - Oct ≤23 °C c,d											
∆ <i>T</i> ^b		ΔT ≤2 °C											
pH Units	7.0 - 8.6	S.V. 6.5 - 9.0	v	X	v	*		v	v	*			
		$\Delta pH \pm 0.5 Max$.	X	A	X			X	X				
Total Phosphates		A-Avg.: ≤0.05			*	*	X	X					
(as P) - mg/l		A-Avg 2 0.03					Α	Α					
Nitrogen Species		Total N											
(N) - mg/l		A-Avg. ≤ 0.75											
		S.V. ≤1.2	X		*	X	X	*		X			
		Nitrate S.V. ≤2.0											
		Nitrite S.V. ≤ 0.04											
Total Ammonia		e			*								
(as N) - mg/l	_												
		S.V.											
Dissolved	_	<i>Nov - Mar ≥ 6.0</i>	X		*	X	X	X		X			
Oxygen - mg/l	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended	A-Avg. ≤24.0				*								
Solids - mg/l	S.V. ≤40.0	S.V. ≤50											
Turbidity - NTU	A-Avg. ≤ 8.0	S.V. ≤10.0			*			X					
Color - PCU	f	S.V. ≤75						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l	A-Avg. ≤ 215.0 S.V. ≤ 265.0	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 21.0$ $S.V. \le 30.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	$A-Avg. \le 39.0$ $S.V. \le 46.0$	S.V. ≤250						*					
Sodium - SAR	$A-Avg. \le 1.5$ $S.V. \le 2.0$	A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	_ _	≤126 ≤410				*	X						
Fecal Coliform - No./100 ml	$AGM \le 80.0$ $S.V. \le 350.0$	≤200/400 ^g	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature 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.
- 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 ℃, 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.
- 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 Truckee River from Derby Dam downstream to the Wadsworth Gage. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enef	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species (of Concern		Early spawning Lahontan cutthroat tro and their incubation, larvae, juveniles and migration, from May through June depending on hydrologic conditions.										
Temperature C- Maximum		Nov - Mar ≤ 13 $^{\circ}$ C Apr - June ≤ 14 $^{\circ}$ C July - Oct ≤ 25 $^{\circ}$ C			*	X							
∆T ^b		ΔT ≤ 2 °C											
pH Units	7.1 - 8.6	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species		Total N											
(N) - mg/l		A-Avg. ≤ 0.75											
		S.V. ≤1.2	X		*	X	X	*		X			
		Nitrate S.V. ≤2.0											
		Nitrite S.V. ≤ 0.04											
Total Ammonia (as N) - mg/l	_	e			*								
		S.V.											
Dissolved Oxygen -	_	<i>Nov - Mar ≥ 6.0</i>	X		*	X	X	X		X			
mg/l	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended	A-Avg. ≤25.0	S.V. ≤50			*								
Solids - mg/l													
Turbidity - NTU		S.V. ≤10.0			*			X					
Color - PCU	f	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤245.0	A-Avg. ≤500	17	**				*					
Solids - mg/l	S.V. ≤310.0		A	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	<i>A-Avg.</i> ≤1.5	<i>A-Avg.</i> ≤8		*				X					
	S.V. ≤2.0												

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								A			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform - No./100 ml	AGM≤50.0 S.V.≤250.0	≤200/400 ^g	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- 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.
- 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.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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 Truckee River from the Wadsworth Gage downstream to Pyramid Lake. This segment of Truckee River is located in Washoe County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,		
Aquatic Life Species of	Concern		cuti inco mig	thro uba rati	at ti	out , lar fron	and vae, n M	l cui juv ay t	enil hroi	and es a ugh	the	e,	
Temperature °C-		<i>Nov - Mar ≤ 13 °C °</i>											
Maximum		$Apr - June \leq 14 {}^{\circ}\!$			*	X							
∆ T ^b		∆T _{≤2°C}											
pH Units	7.3 - 9.0	S.V. 6.5 - 9.0 $\triangle pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.05			*	*	X	X					
Nitrogen Species (N) - mg/l		Total N A-Avg. ≤ 0.75 S.V. ≤ 1.2 Nitrate S.V. ≤ 2.0 Nitrite S.V. ≤ 0.04	X		*	X	X	*		X			
Ammonia (unionized) - mg/l	_	S.V. ≤0.02			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V.											
Dissolved Oxygen -	_	<i>Nov - Mar ≥ 6.0</i>	X		*	X	X	X		X			
mg/l	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended	A-Avg. ≤25.0				*								
Solids - mg/l		S.V. ≤50											
Turbidity - NTU		S.V. ≤10.0			*			X					
Color - PCU	e	S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤415.0	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤105.0												
	S.V. ≤130.0	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤85.0							*					
	S.V. ≤106.0	S.V. ≤250											
Sodium - SAR	A-Avg. ≤ 2.4	A-Avg. ≤8		*				X					
	S.V. ≤2.9							Λ					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM ≤40.0		**	**			**			**			
No./100 ml	S.V. ≤250.0	≤200/400 ^f	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- 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.
- 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.
- 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 Bronco Creek for the control point Hirschdale Road. Bronco Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Bronco Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses													
Aquatic Life Species of	f Concern							I	I				
Temperature °C-		Avg.											
Maximum		June - Sept S.V. ≤20 °C											
		Summer S.V. ≤25 °C											
∆ T ^b		Winter ≤13 °C											
		$\Delta T_{\leq \theta} \sim$											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		Ann Median 7.0 - 8.5	T	Ir	A	C	N	W	I	11	A	E	W
		S.V.: 6.5 - 8.5											
		∆ pH: ± 0.5 Max.											
Total Phosphates		<i>A-Avg.</i> ≤ 0.3											
(PO4) - mg/l		S.V. ≤0.4											
Nitrogen Species		Nitrates (NO3) ≤3.0											
(N) - mg/l		S.V.											
Dissolved	_	Avg. June - Sept ≥ 8.0											
Oxygen - mg/l	_	S.V. ≥ 7.0											
Turbidity - NTU		c											
Color - PCU		d											
Total Dissolved		A-Avg. ≤125											
Solids - mg/l		S.V. ≤165											
Chlorides - mg/l		S.V. ≤10											
Alkalinity		< 25% change from natural											
(as CaCO ₃) - mg/l		conditions											
Fecal Coliform -													
No./100 ml		≤200/400 °											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above 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.

- Increase in color must not be more than 10 PCU above natural conditions.
- ^e 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. 147. The limits of this table apply to the body of water known as Gray Creek for the control point Hirschdale Road. Gray Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Gray Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species o	f Concern			1									
Temperature C -		Avg.											
Maximum		June - Sept S.V. ≤20 °C e											
		Summer S.V. ≤25 °C e											
ΔT^{b}		Winter ≤13 °C f											
		$\Delta T \leq \theta ^{\circ}C$											
pH Units		Ann Median 7.0 - 8.5											
		S.V. 6.5 - 8.5											
		ΔpH ± 0.5 Max.											
Total Phosphates		A-Avg. ≤ 0.3											
(PO ₄) - mg/l		S.V. ≤0.4											

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	ıl Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species		Nitrates (NO ₃)											
(N) - mg/l		S.V. ≤ 2.0											
Dissolved	_	Avg. June - Sept ≥ 7.0											
Oxygen - mg/l	_	S.V. ≥ 6.0											
Turbidity - NTU		С											
Color - PCU		d											
Total Dissolved		A-Avg. ≤225											
Solids - mg/l		S.V. ≤300											
Chlorides - mg/l		S.V. ≤15											
Alkalinity		< 25% change from natural											
(as CaCO ₃) - mg/l		conditions											
Fecal Coliform -													
No./100 ml		≤200/400 ^e											

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above 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:
 - 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. 148. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	X 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 ∆T ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 149. 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	EMENTS WATER QUALITY					Beneficial Use ^a										
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Beneficial Uses			X	X	X	X	X	X		X							
Aquatic Life Species of Concern										•							

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Temperature °C		S.V. ≤20			*	X									
ΔT^b		0				A									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*					
Total Phosphorous (as P) - mg/l		S.V. ≤0.025			*	*	X	X							
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
Total Dissolved Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X	X	X	X	X	X			į		
Aquatic Life Species	of Concern		Tro	ut.	1	1	<u>I</u>	1	1		1	<u>I</u>	1		
Temperature °C ЛТ ^b		S.V. ≤20 0			*	X									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*					
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X							
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		с			*										
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	WATER QUALITY	Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Washoe Lakes. Washoe Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY

Washoe Lakes

	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR		X Irrigation	X Aquatic		X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh	
Aquatic Life Species	of Concern			<u> </u>					<u> </u>	<u> </u>	<u> </u>	<u> </u>		
Temperature °C		S.V. ≤34 0			*	X								

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES S.V. 6.5 - 9.0	X Livestock	X Irrigation	* Aquatic	* Contact	X Noncontact	X Municipal	X Industrial	* Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 0.3 - 9.0	A	A			A	A	A				
Total Phosphorous		S.V. ≤ 0.33			*	*	X	X					
(as P) - mg/l													
Dissolved Oxygen -		S.V. ≥ 5.0	X		*	X	X	X		X			
mg/l													
Total Ammonia		c			*								
(as N) - mg/l													
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		<i>AGM</i> ≤126				*	X						
		S.V. ≤.235					Α						
Fecal Coliform - No./100 ml		d	X	X		*	X	X		X			
140./100 mi													

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 152. 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	<u> </u>		X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern					l	l	l					
Temperature °C ΔT b pH Units		S.V. ≤34 0 S.V. 6.5 - 9.0	X	X	*	<i>X</i>	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		с			*								

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 153. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	f Concern				I					ı			
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X		X	X			
Total Ammonia (as N) - mg/l		b			*								
E coli - No./100 ml		<i>AGM</i> ≤ 630					X						

^{* =} The most restrictive beneficial use.

X = Beneficial use.

Sec. 154. 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

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X 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}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $SV \le 410$				*	X						
Fecal Coliform - No./100 ml		≤200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 155. 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., to Washoe Lake. This segment of Franktown Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

Franktown Creek

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	of Concern		Tro	ut.									
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Hobart Reservoir and its tributaries from the national forest boundary downstream to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. Hobart Reservoir and its tributaries are located in Washoe County.

STANDARDS OF WATER QUALITY

Hobart Reservoir and Tributaries

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern		Tro	ut.									
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	f Concern			ı						ı			,
Temperature °C ΔT b		S.V. ≤20 0			*	X							
21		V											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Aquatic Life Species of	TO MAINTAIN EXISTING HIGHER QUALITY of Concern	STANDARDS FOR BENEFICIAL USES	Divestock Livestock	r Trigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Price's Lakes. Price's Lakes is located in Washoe County.

STANDARDS OF WATER QUALITY

Price's Lakes

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	of Concern											ı	
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 576$				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficial	l Uso	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	әӺілүп,14	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		$\leq 200/400^{d}$	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Davis Lake.

Davis Lake is located in Washoe County.

STANDARDS OF WATER QUALITY

Davis Lake

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	of Concern		Tro	ut.		ı	ı		I	I	ı	I	
Temperature °C		S. V. ≤ 20			*	X							
ΔT^b		0				21							

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			j
Aquatic Life Species of	of Concern			<u> </u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	l	<u>I</u>	<u> </u>		l
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM≤126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern		7770000										

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C 1T b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V.≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	of Concern		Tro										
	y concern		170										
Temperature °C		$S.V. \leq 20$			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.33</i>			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤ 500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER E coli - No./100 ml	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES AGM≤126	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V. ≤410				*	X						
Fecal Coliform - No./100 ml		d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 164. 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

	REQUIREMENTS	WATER QUALITY				В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species o	of Concern												
Temperature °C		<i>S.V.</i> ≤ 20			*	X							
∆T ^b		0				Α							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 165. 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

	REQUIREMENTS	WATER QUALITY				E	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses Aquatic Life Species	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic		X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
	oj Concern		110	ш.									
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen -		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>S.V.</i> ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	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.

- ^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Steamboat Ditch. This segment of White's Creek is located in Washoe County.

STANDARDS OF WATER QUALITY

White's Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	s of Concern						ı	ı					

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ 24			*	X							
ΔT^{b}		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>S.V.</i> ≤ 500 or the											
Solids - mg/l		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.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Lagomarsino Creek (Long Valley Creek). Lagomarsino Creek (Long Valley Creek) is located in Storey County.

STANDARDS OF WATER QUALITY

Lagomarsino Creek (Long Valley Creek)

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern							l	l	l	l		
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>3.0</i>	X		*		X		X	X			
Total Ammonia		b			*								
(as N) - mg/l													
E coli - No./100 ml		<i>AGM</i> ≤ 630					X						

^{* =} The most restrictive beneficial use.

X = Beneficial use.

Sec. 168. The limits of this table apply to the entire body of water known as Tracy Pond.

Tracy Pond is located in Washoe County.

STANDARDS OF WATER QUALITY

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

Tracy Pond

	REQUIREMENTS	WATER QUALITY		-		В	Benej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			,
Aquatic Life Species of	of Concern				l					l	l		I
Temperature °C		S.V. ≤34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

^a Refer to NAC 445A.122 and section 120 of this regulation for beneficial use terminology.

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

Sec. 169. There are no designated waters in the Western Region.

Sec. 170. The beneficial uses for the Carson Region are prescribed in this section:

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
	To the West Fork at the state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 172 of this regulation
Carson River at Bryant Creek near state line	To Bryant Creek at the state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 173 of this regulation
Carson River East Fork at the state line	To the East Fork at the state line.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 174 of this regulation
	From the state line downstream to the Riverview Mobile Home Park at U.S. Highway 395.	X	X	X	X	X	X	X	X				Rainbow trout and brown trout	section 175 of this regulation
Fork at Muller	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 176 of this regulation

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

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.

² The 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Carson River at Genoa Lane	From the East Fork at Muller Lane to Genoa Lane, and from the West Fork at the state line to Genoa Lane.	X	X	X	X	X			X	,			Catfish, rainbow trout and brown trout	section 177 of this regulation
	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 178 of this regulation
Carson River at 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 179 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 180 of this regulation
	From New Empire to the Dayton Bridge.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 181 of this regulation
Carson River at Weeks	From the Dayton Bridge to the U.S. Highway 95 Bridge at Weeks.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 182 of this regulation
Carson River at Lahontan Dam	From the U.S. Highway 95 Bridge at Weeks to Lahontan Dam.	X	X	X	X	X	X	X	X				Walleye, channel catfish and white bass	section 183 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Lower Carson River	From Lahontan Reservoir to where the Carson River enters Stillwater Marsh.	X	X		X	X	X		X	,				section 184 of this regulation
Daggett Creek	From its origin to the Carson River.	X	X	X	X	X	X		X					section 185 of this regulation
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 186 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 187 of this regulation
Clear Creek	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.	X	X	X	X	X	X		X					section 188 of this regulation
	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 189 of this regulation

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Kings Canyon	From its origin to the point of the diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M.	X	X	X		X	X		X	,				section 190 of this regulation
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 191 of this regulation
	From the Carson diversion dam to its division into the S and L Canals.	X	X	X	X	X	X	X	X					section 192 of this regulation
	The entire reservoir; also known as S-Line Reservoir.	X	X	X	X	X	X	X	X					section 193 of this regulation
Indian Lakes	All the lakes, including, without limitation, 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 194 of this regulation
Diagonal Drain	Its entire length.	X	X	X	X	X	X	X	X					section 195 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
South Carson Lake	The entire lake; also known as Government Pasture or the Greenhead Gun Club.	X				X		X						section 196 of this regulation
Harmon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 197 of this regulation
Stillwater Marsh	East of Westside Road and north of the community of Stillwater.	X	X	X	X	X	X	X	X					section 198 of this regulation
Stillwater Marsh	East and south of the community of Stillwater.	X	X	X		X		X	X					section 199 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact w	vith	the	wat	er									
Noncontact	Recreation not involving conta	ict 1	with	the	wat	er								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply,	or	both	ļ										
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecolog	gica	ıl or	aesi	theti	ic va	ılue							
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater n	nar	sh											

Sec. 171. The standards for water quality for the Carson Region are prescribed in sections 172 to 199, inclusive, of this regulation.

Sec. 172. The limits of this table apply to the body of water known as Carson River, only to the West Fork at the state line. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	,
Aquatic Life Species of	Concern		Rai	nbo	w tr	out	and	bro	wn 1	rout	·		
Temperature C -		<i>Nov - May ≤13 ℃</i>											
Maximum		June ≤17 °C											
		July ≤21 °C			*	X							
		Aug - Oct ≤22 °C											
∆ T ^b		ΔT _{≤2} ~											
pH Units	7.4 - 8.4	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
	_	∆pH ±0.5 Max.	A	Λ	Λ			Λ	Λ				
Total Phosphates	A-Avg. ≤.016	A-Avg. ≤ 0.10			*	*	v	v					
(as P) - mg/l	S.V. ≤.033				Î	_	X	X					
Nitrogen Species	A-Avg. ≤ 0.4	Nitrate S.V. ≤10	1										
(N) - mg/l	S.V. ≤ 0.5	Nitrite S.V. ≤06	X		*	X	X	*		X			
Total Ammonia		c			*								
(as N) - mg/l	_												
		S.V.											
Dissolved Oxygen -	_	<i>Nov - May ≥ 5.0</i>	X		*	X	X	X		X			
mg/l	_	Jun - Oct. ≥ 6.0											

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Suspended	A-Avg. ≤15				*										
Solids - mg/l	_	S.V. ≤25													
Turbidity - NTU	<i>A-Avg.</i> ≤3														
	S.V. ≤5	S.V. ≤10			*			X							
Color - PCU	d	S.V. ≤75						*							
Total Dissolved	A-Avg. ≤ 70	A-Avg. ≤500													
Solids - mg/l	S.V. ≤95		X	X				*							
Chlorides - mg/l	A-Avg. ≤3	C.V. com	X	X				*		X					
	S.V. ≤5	S.V. ≤250													
Sulfate - mg/l	_							*							
	S.V. ≤4	S.V. ≤250													
Sodium - SAR	<i>A-Avg.</i> ≤1	A-Avg. ≤8		*				X							
Alkalinity	_	< 25% change from natural			*					X					
(as CaCO ₃) - mg/l	_	conditions								Λ					
E coli - No./100 ml															
AGM	_	≤126					*	X							
Single Value	_	≤410													
Fecal Coliform -	AGM≤105		**	**		,	**	**		**					
No./100 ml	_	≤200/400 ^e	X	X		*	X	X		X					

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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. 173. The limits of this table apply to the body of water known as Carson River, only to Bryant Creek at the state line. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River

PARAMETER	REQUIREMENTS	WATER QUALITY Beneficial U							ial Usea								
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation		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-		<i>Nov - May ≤ 13 °C</i>															
Maximum		June ≤17 ℃															
		July ≤21 °C			*	X											
		Aug - Oct ≤22 °C															
∆ <i>T</i> ^b	$\Delta T = 0 \mathcal{C}$	$\Delta T_{\leq 2} C$															
pH Units	_	S.V. 6.5 - 9.0	X	X	X	*		X	X	*							
	_	$\Delta pH \pm 0.5 Max$.	A	Λ	Λ			Λ	Λ								
Total Phosphates	A-Avg. ≤.036	A - A v g . ≤ 0.10			*	*	X	X									
(as P) - mg/l	S.V. ≤.05						Λ	Λ									
Nitrogen Species	A-Avg. ≤ 0.6	Nitrate S.V. ≤10	X		*	X	X	*		X							
(N) - mg/l	S.V. ≤1.0	Nitrite S.V. ≤06	A			Λ	Λ			A							

PARAMETER	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	ea			
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen -		S.V.											
mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	Jun - Oct ≥ 5.0											
Suspended	_	S.V. ≤25			*								
Solids - mg/l	_												
Turbidity - NTU		S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤10						*					
Total Dissolved	A-Avg. ≤375	A-Avg. ≤500											
Solids - mg/l	S.V. ≤420		X	X				*					
Chlorides - mg/l	$A-Avg. \le 6$ $S.V. \le 7$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	_ _	S.V. ≤250						*					
Sodium - SAR	A-Avg. ≤1	A-Avg. ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					V			
(as CaCO ₃) - mg/l	_	conditions								X			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM≤50		**			*	17	v		1/			
No./100 ml	S.V. ≤90	≤200/400 ^e	X			~	X	X		X			

* = The most restrictive beneficial use.

X = Beneficial use.

- a Refer to NAC 445A.122 and section 170 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. 174. The limits of this table apply to the body of water known as Carson River, only to the East Fork at the state line. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

Carson River

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a													
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Beneficial Uses			X	X	X	X	X	X	X	X						
Aquatic Life Species of	Concern		Rainbow trout and brown trout.													
Temperature °C-		<i>Nov - May ≤ 13 ℃</i>														
Maximum		June ≤17°C														
		<i>July</i> ≤ 21 °C			*	X										
		Aug - Oct ≤22 °C														
∆ <i>T</i> ^b	$\Delta T = 0 \mathcal{C}$	ΔT _{≤2°C}														
pH Units	_	S.V. 6.5 - 9.0	X	X	X	*		X	X	*						
	_	$\Delta pH \pm 0.5 Max$.	A	Λ	Λ			A	A							

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Total Phosphates	A-Avg. ≤.03	A-Avg. ≤ 0.10			*	*	X								
(as P) - mg/l	S.V. ≤.065						Λ	Λ							
Nitrogen Species	Total Nitrogen														
(N) - mg/l	<i>A-Avg.</i> ≤ 0.5	Nitrate S.V. ≤10	X		*	X	X	*		X					
	S.V. ≤1.1	Nitrite S.V. ≤.06													
Total Ammonia		c			*										
(as N) - mg/l	_				*										
Dissolved Oxygen -		S.V.													
mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X					
	_	<i>Jun - Oct ≥ 5.0</i>													
Suspended	_	S.V. ≤25			*										
Solids - mg/l	_														
Turbidity - NTU	<i>A-Avg.</i> ≤5							.,							
	S.V. ≤8	S.V. ≤10			*			X							
Color - PCU	d	S.V. ≤75						*							
Total Dissolved	A-Avg. ≤145	A-Avg. ≤500													
Solids - mg/l	S.V. ≤185		X	X				*							
Chlorides - mg/l	<i>A-Avg.</i> ≤3	S.V. ≤250		.,				*		**					
	S.V. ≤5		X	X				*		X					
Sulfate - mg/l	_	S.V. ≤250						*							
	S.V. ≤3														
Sodium - SAR	<i>A-Avg.</i> ≤2	A-Avg. ≤8		*				X							
Alkalinity	_	< 25% change from natural			*					X					
(as CaCO ₃) - mg/l	_	conditions								A					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml			,	,			,	,	ì		ì		
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	<i>AGM</i> ≤ 40		.,							**			
No./100 ml	S.V. ≤60	≤200/400 °	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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 Carson River from the state line downstream to the Riverview Mobile Home Park at U.S. Highway 395. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern		Rai	nbo	w tr	out	and	bro	wn 1	trou	t.		
Temperature C -		<i>Nov - May ≤13 °C</i>											
Maximum		June ≤17 °C											
		July ≤21 °C			*	X							
		Aug - Oct ≤22 °C											
∆ T ^b	$\Delta T = 0 \mathcal{C}$	ΔT ≤2°C											
pH Units	7.5 - 8.6	S.V. 6.5 - 9.0	v	v	v	*		v	1/	*			
	_	$\Delta pH \pm 0.5 Max$.	X	X	X	Î		X	X	Î			
Total Phosphates	_	A-Avg. ≤ 0.10			*	*	X	X					
(as P) - mg/l	_						Λ	Λ					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤ 0.4	Nitrite S.V. ≤.06	X		*	X	X	*		X			
	S.V. ≤ 0.5												
Total Ammonia	_	c			*								
(as N) - mg/l													
Dissolved Oxygen -		S.V.											
mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended	_	S.V. ≤80			*								
Solids - mg/l	_				-								
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤75						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml	_	≤ 126				*	X						
Single Value	_	≤ 410					21						
Fecal Coliform - No./100 ml	AGM ≤ 20 S.V. ≤ 85	≤200/400 ^e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 Carson River from the Riverview Mobile Home Park at U.S. Highway 395 to Muller Lane. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X 7	X	X	X	X	X	Ae	En	Ma
Aquatic Life Species of	Concern		Rai	nbo	w tr	out	and	bro	wn t	rout	t.		
Temperature °C-		<i>Nov - May ≤ 13 °C</i>											
Maximum		June ≤17 °C											
		July ≤21 °C			*	X							
		Aug - Oct ≤22 °C											
ΔT^{b}	$\Delta T = 0 \mathcal{C}$	ΔT ≤2°C											
pH Units	7.4 - 8.7	S.V.: 6.5 - 9.0	X	X	X	*		X	X	*			
	_	$\Delta pH: \pm 0.5 Max.$		**				2.					
Total Phosphates	_	A - A v g . ≤ 0.10			*	*	X	X					
(as P) - mg/l	_												
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤ 0.5	Nitrite S.V. ≤.06	X		*	X	X	*		X			
	S.V. ≤0.8												
Total Ammonia	_	c			*								
(as N) - mg/l													

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved		S.V.											
Oxygen - mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	<i>Jun - Oct.</i> ≥ 5.0											
Suspended	_	S.V. ≤80			*								
Solids - mg/l													
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤180	A-Avg. ≤500	X	X				*					
Solids - mg/l	S.V. ≤205		Λ	Λ									
Chlorides - mg/l	<i>A-Avg.</i> ≤8		X	X				*		X			
	S.V. ≤10	S.V. ≤250	Λ	Α						Α			
Sulfate - mg/l	_	S.V. ≤250						*					
Sodium - SAR	<i>A-Avg.</i> ≤2	A-Avg. ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								**			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform -	AGM ≤ 50		X			*	X	X		X			
No./100 ml	_	≤200/400 ^e	^				A	A		Λ			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 Carson River from the East Fork at Muller Lane to Genoa Lane, and from the West Fork at the state line to Genoa Lane. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X				
Aquatic Life Species of	Concern		Cat	fish,	rai	nbo	w tre	out a	and	brov	vn tr	out.	
Temperature °C-		<i>Nov - Apr. ≤13 °C</i>											
Maximum		May - June $\leq 17\%$ Jul - Oct $\leq 23\%$			*	X							
∆ <i>T</i> ^b	$\Delta T = \theta {}^{\circ}\!C$	ΔT _{≤2°C}											
pH Units	7.4 - 8.5	S.V. 6.5 - 9.0 \(\Delta pH \pm 0.5 Max. \)	X	X	X	*		X	X	*			
Total Phosphates	_	A-Avg. ≤ 0.10			*	*	X	X					
(as P) - mg/l	_						A	A					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species	Total Nitrogen												
(N) - mg/l	$A-Avg. \le 0.8$ $S.V. \le 1.3$	Nitrate S.V. ≤10 Nitrite S.V. ≤.06	X		*	X	X	*		X			
Total Ammonia	_	c			*								
as (N) - mg/l													
Dissolved Oxygen -		S.V.											
mg/l		Nov - $Apr \ge 6.0$ May - $Oct \ge 5.0$	X		*	X	X	X		X			
Suspended	_	S.V. ≤80											
Solids - mg/l					*								
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤165 S.V. ≤220	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤8 S.V. ≤12	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	_	S.V. ≤250						*					
Sodium - SAR	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					v			
(as CaCO ₃) - mg/l	_	conditions			*					X			
E Coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	ivestock	rrigation	<i>lquatic</i>	Contact	Voncontact	Aunicipal	ndustrial	Wildlife	<i>testhetic</i>	Snhance	Jarsh
Fecal Coliform - No./100 ml	AGM≤180 —	≤200/400 ^e	X	7	,	*	X	X		X			1

^{* =} The most restrictive beneficial use.

- a Refer to NAC 445A.122 and section 170 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 Carson River from Genoa Lane to U.S. Highway 395 at Cradlebaugh Bridge. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	of Concern		Cat	fish,	rai	nbo	w tre	out i	ind .	brov	vn ti	out.	
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum		May - June ≤17°C			*	X							
		Jul - Oct ≤23 ℃				74							1
ΔT^{b}	$\Delta T = \theta C$	$\Delta T_{\leq 2} \sim C$											1
pH Units	7.5 - 8.4	S.V. 6.5 - 9.0	X	X	X	*		X	v	*			
	_	$\Delta pH \pm 0.5 Max$.	A	Λ	Λ			Λ	X				1
Total Phosphates	_	A - A v g . ≤ 0.10			*	*	X	X					
(as P) - mg/l	_						A	<i>A</i>					1
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. ≤.85	Nitrite S.V. ≤.06	X		*	X	X	*		X			
	S.V. ≤1.2												1
Total Ammonia	_	c			*								
(as N) - mg/l													
Dissolved		S.V.											
Oxygen - mg/l	_	$Nov - Apr. \ge 6.0$	X		*	X	X	X		X			
	_	$May - Oct. \ge 5.0$											1
Suspended	_	S.V. ≤80			*								
Solids - mg/l													
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	đ	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤180	A-Avg. ≤500	X	X				*					
Solids - mg/l	S.V. ≤230			24									

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions											
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											
Fecal Coliform - No./100 ml		≤200/400 ^e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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 body of water known as Carson River from U.S. Highway 395 at Cradlebaugh Bridge to the Mexican Ditch Gage. This segment of Carson River is located in Douglas County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern		Rai	nbo	w tr	out (and	bro	wn t	rout	•		
Temperature C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum		May - June ≤17 °C Jul - Oct ≤23 °C			*	X							
∆ T ^b	$\Delta T = 0 \mathcal{C}$	ΔT _{≤2°C}											
pH Units	7.4 - 8.5												
	_	S.V. $6.5 - 9.0$ $\Delta pH \pm 0.5 Max$.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	_	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species	Total Nitrogen												
(N) - mg/l	$A-Avg. \le 0.8$ $S.V. \le 1.3$	Nitrate S.V. ≤10 Nitrite S.V. ≤.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

	REQUIREMENTS	WATER QUALITY				В	enef	icia	l Us	ea			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V.											
Dissolved Oxygen -	_	<i>Nov - Apr ≥ 6.0</i>	X		*	X	X	X		X			
mg/l	_	$May - Oct \ge 5.0$											
Suspended	_				*								
Solids - mg/l	_	S.V. : ≤80											
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤285	A-Avg. ≤500	v	v				*					
Solids - mg/l	S.V. ≤360		X	X				*					
Chlorides - mg/l	<i>A-Avg.</i> ≤17		X	X				*		X			
	S.V. ≤23	S.V. ≤250	A	<i>A</i>						A			
Sulfate - mg/l	<i>A-Avg.</i> ≤24							*					
	S.V. ≤100	S.V. ≤250											
Sodium - SAR	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤ 8		*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								A			
E coli - No./100 ml													
AGM						*	v						
Single Value	_	≤126				^	X						
	_	≤410											
Fecal Coliform -	AGM ≤110		***			*	17	17		**			
No./100 ml	S.V. ≤295	≤200/400 ^e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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 Carson River from the Mexican Ditch Gage to New Empire. This segment of Carson River is located in Carson City.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation				X Municipal	_	-	Aesthetic	Enhance	Marsh
Beneficial Uses			A	A	A	A	A	Λ	A	Λ			
Aquatic Life Species of	Concern			allm wn 1			SS, 1	aini	bow	troi	ut ai	ıd	
Temperature C -		Nov - May ≤ 18°C											
Maximum		Jun - Oct. ≤23 °C			*	X							
∆ T ^b	$\Delta T = 0 \mathcal{C}$	$\Delta T \leq 2 ^{\circ}C$											
pH Units	7.4 - 8.4												
	_	S.V. 6.5 - 9.0 ΔpH ±0.5 Max.	X	X	X	*		X	X	*			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates	_	A-Avg. ≤ 0.10			*	*	X	X					
(as P) - mg/l	_												
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤ 1.3	Nitrite S.V. ≤.06	X		*	X	X	*		X			
	S.V. ≤1.7												
Total Ammonia		c			*								
(as N) - mg/l	_												
Dissolved Oxygen -		CV > 5.0	X		*	X	X	X		X			
mg/l	_	S.V. ≥ 5.0	Λ			Λ	Λ	Λ		Λ			
Suspended		G IV < 0.0			*								
Solids - mg/l	_	S.V. ≤80											
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤260	A-Avg. ≤500											
Solids - mg/l	S.V. ≤375		X	X				*					
Chlorides - mg/l	A-Avg. ≤13									17			
	S.V. ≤24	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	_	S.V. ≤250						*					
Sodium - SAR	<i>A-Avg.</i> ≤ 2	A-Avg. ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		≤200/400 ^e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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 Carson River from New Empire to the Dayton Bridge. This segment of Carson River is located in Lyon County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enef	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	f Concern		Wa	lley	e, c	han	nel c	atfi	sh a	nd 1	whit	e bo	ass.

	REQUIREMENTS	WATER QUALITY				В	enef	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature C -		<i>Nov - Mar ≤11 °C</i>											
Maximum		Apr - Jun ≤ 24 °C Jul - Oct ≤ 28 °C			*	X							
∆ T ^b	$\Delta T = \theta \mathcal{C}$	∆T _{≤2°C}											
pH Units	7.5 - 8.6												
	_	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
		ΔpH ±0.5 Max.											
Total Phosphates	_	A-Avg. ≤0.1			*	*	W.	V					
(as P) - mg/l					•	Î	X	X					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. ≤1.2	Nitrite S.V. ≤1.0	X		*	X	X	*		X			
	S.V. ≤1.6												
Total Ammonia	_	c			*								
(as N) - mg/l													
Dissolved Oxygen -	_	S.V. ≥ 5.0	X		*	X	X	X		X			
mg/l			A			Λ	Λ	Λ		Λ			
Suspended Solids -	_	S.V. ≤80											
mg/l					*								
Turbidity - NTU	A-Avg. ≤12												
	S.V. ≤25	S.V. ≤50			*			X					
Color - PCU	d	S.V. ≤75						*					
Total Dissolved	A-Avg. ≤250	A-Avg. ≤500		**				*					
Solids - mg/l	S.V. ≤400		X	X				*					
Chlorides - mg/l	A-Avg. ≤10		X	X				*		X			
	S.V. ≤18	S.V. ≤250											

	REQUIREMENTS	WATER QUALITY				В	enef	icial	Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sulfate - mg/l		S.V. ≤250					,	*				,	,
Sodium - SAR	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value		≤ 126 ≤ 410				*	X						
Fecal Coliform - No./100 ml	AGM≤50 S.V.≤280	≤200/400 °	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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 Carson River from the Dayton Bridge to the U.S. Highway 95 Bridge at Weeks. This segment of Carson River is located in Lyon County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
<i>PARAMETER</i>	TO MAINTAIN	STANDARDS FOR											
	EXISTING HIGHER	BENEFICIAL USES	tock	tion	tic	ıct	Noncontact	cipal	trial	ife	etic	ace	l ,
	QUALITY		Livestock	Irrigation	Aquatic	Contact	Nonc	Municipa	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X		X	X	X	X			
Aquatic Life Species of C	Concern		Wa	lleye	e, ch	ann	iel c	atfis	sh a	nd w	hite	bas	is.
Temperature °C-		≤11℃											
Maximum		≤24℃			*	X							
		≤28℃				Λ							
∆ <i>T</i> ^b	∆ T = 0 ℃	≤2 °C											
pH Units	7.5 - 8.5												
	_	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
		$\Delta pH \pm 0.5 Max$.											
Total Phosphates	_	A-Avg. ≤0.1			*	*	X	X					
(as P) - mg/l							21	21					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	A-Avg. ≤ 0.6	Nitrite S.V. ≤1.0	X		*	X	X	*		X			
	S.V. ≤1.1												
Total Ammonia		c			*								
(as N) - mg/l	_												
Dissolved Oxygen - mg/l	_	S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	_	S.V. ≤80			*								
Turbidity - NTU	<i>A-Avg.</i> ≤25				*			X					
	_	S.V. ≤50						A					
Color - PCU	d	S.V. ≤75						*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER	STANDARDS FOR	ık.	u			tact	nal	al		c	6	
	QUALITY	BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids -	<i>A-Avg.</i> ≤250	A-Avg. ≤500	**	17				*					
mg/l	S.V. ≤380		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	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity	_	< 25% change from natural			*								
(as CaCO ₃) - mg/l	_	conditions			*					X			
Fecal Coliform -	<i>AGM</i> ≤ 90												
No./100 ml	S.V. ≤240	≤200/400 ^e	X			*	X	X		X			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 Carson River from the U.S. Highway 95 Bridge at Weeks to Lahontan Dam. This segment of Carson River is located in Lyon County.

STANDARDS OF WATER QUALITY

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	I
Aquatic Life Species of C	Soncern		Wa	lleye	e, ch	ann	iel c	atfis	sh a	nd w	hite	e ba	SS.
Temperature °C-		<i>Nov - Mar ≤ 11 °C</i>											
Maximum		Apr - Jun ≤24 ℃			*	W.							
		Jul - Oct ≤28 ℃			*	X							
∆ <i>T</i> ^b	$\Delta T = 0 \mathcal{C}$	$\Delta T_{\leq 2} \sim$											
pH Units	_												
	_	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
		$\Delta pH \pm 0.5 Max$.											
Total Phosphates	_	S.V. ≤0.06			*	*	X	X					
(as P) - mg/l							Α.	<i>A</i>					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤1.3	Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
	S.V. ≤1.7												
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_	S.V. ≥ 5.0	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
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	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	AGM ≤ 25 S.V. ≤ 75	≤200/400 °	X			*	X	X		X			
E coli - No./100 ml AGM Single Value		≤ 126 ≤ 235				*	X						

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

- Increase in color must not be more than 10 PCU above natural conditions.
- 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 Lower Carson River from Lahontan Reservoir to where the Carson River enters Stillwater Marsh. This segment of Lower Carson River is located in Churchill County.

STANDARDS OF WATER QUALITY

Lower Carson River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of (Concern												
Temperature °C ΔT ^b		S.V. ≤ 34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		$S.V. \leq 0.33$			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) -		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 185. 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,	,	
Aquatic Life Species of	of Concern			ı	I	I	I	I	ı				
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤0.10			*	*	X	X					
(as P) - mg/l													
Dissolved Oxygen -		S.V. ≥ 6.0	X		*	X	X	X		X			
mg/l													
Total Ammonia		c			*								
(as N) - mg/l													
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		<i>AGM</i> ≤126				*	X						
		S.V. ≤410											
Fecal Coliform -			X	X		*	X	X		X			
No./100 ml		≤200/400 ^d											

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 186. 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

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species o	of Concern												
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 187. 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	of Concern												
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Clear Creek 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. This segment of Clear Creek is located in Carson City.

STANDARDS OF WATER QUALITY

Clear Creek

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species	of Concern							•					
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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.

STANDARDS OF WATER QUALITY

Clear Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	Ì	,	,
Aquatic Life Species of	f Concern		Tro	ut.			ı						
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Kings Canyon from its origin to the point of the diversion of the Carson City Water Department, near the east line of section 23, T. 15 N., R. 19 E., M.D.B. & M. Kings Canyon is located in Carson City.

STANDARDS OF WATER QUALITY

Kings Canyon

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
	_		^	Λ	Λ	Λ	Λ	Λ		Λ			
Aquatic Life Species of C	Concern												
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 3-day period exceed 400 per 100 milliliters.

Sec. 191. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	of Concern												
Temperature °C		S.V. ≤20			*								
ΔT^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia		c			*								
(as N) - mg/l													
Total Dissolved		S.V. ≤500 or the 95th											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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	WATER QUALITY				В	enej	ficia	l Us	e ^a					
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation		X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X	X	X	X	X	X					
Aquatic Life Species of	of Concern			<u> </u>	<u>I</u>	<u> </u>	<u> </u>	<u> </u>	<u>I</u>	<u>I</u>					
Temperature °C		S.V. ≤34 0			*	X									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*					
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X							
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
Total Dissolved		S.V. ≤500 or the 95th													
Solids - mg/l		percentile (whichever is less).	X	X				*							
E coli - No./100 ml		AGM≤126 S.V. ≤576				*	X								

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	əfipniм	Aesthetic	Enhance	Marsh	
Fecal Coliform - No./100 ml		d	X	X		*	X	X		X				

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 193. 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	WATER QUALITY				В	enej	ficia	l Us	e ^a							
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Beneficial Uses			X	X	X	X	X	X	X	X	•						
Aquatic Life Species o	f Concern			ı	ı	ı	ı	ı	ı	ı	ı						
Temperature °C		S.V. ≤34			*	X											
ΔT^{b}		0				Λ											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*							
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X									
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X							
Total Ammonia (as N) - mg/l		c			*												
Total Dissolved Solids - mg/l		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.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

Sec. 194. The limits of this table apply to the body of water known as Indian Lakes, including, without limitation, 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	_	X Contact	X Noncontact	X Municipal		X Widife	Aesthetic	Enhance	Marsh
Aquatic Life Species o	of Concern			<u>I</u>	<u> </u>	<u> </u>	I	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Temperature °C ΔT ^b		S.V. ≤34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≤5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

^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.

² The 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≥ 500 or the 95th											
Solids - mg/l		percentile (whichever is	X	X				*					
		less).											
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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 195. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	of Concern							ı					
Temperature °C		S.V. ≤34			*	X							
∆ T ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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		đ	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

Sec. 196. The limits of this table apply to the entire body of water known as South Carson Lake, also known as Government Pasture or the Greenhead Gun Club. South Carson Lake is located in Churchill County.

STANDARDS OF WATER QUALITY

South Carson Lake

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern			<u>I</u>	<u>I</u>	<u>I</u>	1		<u>I</u>	1	<u>I</u>		
Temperature °C △T ^b		S.V. ≤34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤500 or the 95th			Ì								
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 197. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species o	f Concern				ı			ı	ı				
Temperature °C		S.V. ≤34			*	X							
ΔT^{b}		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

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

Sec. 198. The limits of this table apply to the body of water known as Stillwater Marsh from 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	of Concern			I	I	I	1	I	I				
Temperature °C ∆T ^b		S.V. ≤34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is	X	X				*					
		less).											
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.

- ^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 199. The limits of this table apply to the body of water known as Stillwater Marsh from east and south of the community of Stillwater. This segment of Stillwater Marsh is located in Churchill County.

STANDARDS OF WATER QUALITY

Stillwater Marsh

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern					I			I	<u> </u>			
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		S.V. ≥ 3.0	X		*		X		X	X			
Total Ammonia		b			*								
(as N) - mg/l													
E coli - No./100 ml		<i>AGM</i> ≤ 630					X						

^{* =} The most restrictive beneficial use.

X = Beneficial use.

Sec. 200. The beneficial uses for the Walker Region are prescribed in this section:

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description					ıct	l l	1					Species of	Standard NAC
		Livestock	Irrigation	Aquatic	Contact	Voncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh	Concern	Reference
		Li	Ir	46	C	N	W	In	M	4	E		Mountain	
West Walker River													whitefish,	section 202 of
	At the state line.	X	X	X	X	X	X	X	X				rainbow trout	this regulation
													and brown	······
													trout	

^a Refer to NAC 445A.122 and section 170 of this regulation for beneficial use terminology.

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

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Topaz Lake	At various points in Topaz Lake.	X	X		X	X	X	X					Rainbow trout, cutthroat trout, brown trout, kokone salmon and silver salmon	section 203 of this regulation
West Walker River near Wellington	From the state line downstream to West Walker River near Wellington.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 204 of this regulation
West Walker River above confluence with East Walker River at Nordyke Road	Near Wellington downstream to its confluence with East Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	section 205 of this regulation
Sweetwater Creek	From the state line to its confluence with East Walker River.	X	X	X	X	X	X	X	X				Mountain whitefish, brown trout, brook trout and rainbow trout	section 206 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
East Walker River at the state line	At the state line.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 207 of this regulation
East Walker River at Bridge B-1475	From the state line to Bridge B-1475.	X	X	X	X	X	X	X	X				Mountain whitefish, rainbow trout and brown trout	section 33 of this regulation
East Walker River South of Yerington	From Bridge B-1475 downstream to its confluence with West Walker River near Nordyke Road.	X	X	X	X	X	X	X	X				Brown trout and rainbow trout	section 209 of this regulation
Walker River at Inlet to Weber Reservoir	From the confluence of the East and West Walker Rivers downstream to the inlet to Weber Reservoir.	X	X	X	X	X	X	X	X				Channel catfish and largemouth bass	section 210 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description					ct							Species of	Standard NAC
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Concern	Reference
Walker River at Schurz Bridge	From Weber Reservoir downstream to the inlet to Walker Lake.	X		X			X			<u> </u>	The state of the s		Channel catfish and largemouth bass and, from February through June when an adequate flow exists, adult Lahontan cutthroat trout and adult rainbow trout; Brown trout,	section 211 of this regulation
Desert Creek	From the state line to its confluence with West Walker River.	X	X	X	X	X	X	X	X				brook trout and rainbow trout	section 212 of this regulation
Walker Lake	The entire lake.			X	X	X			X				Tui chub, Tahoe sucker, and adult and juvenile cutthroat trout	section 213 of this regulation
Mason Valley Wildlife Management Area	Hinkson Slough, Bass Pond, Crappie Pond and North Pond.	X	X	X	X	X	X	X	X				Trout	section 214 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
	All surface water	,	,	,		,	,	,		,	,			
Mason Valley	impoundments, excluding													gastian 215 of
Wildlife	Hinkson Slough, Bass	X	X	X	X	X	X	X	X					section 215 of
Management Area	Pond, Crappie Pond and North Pond.													this regulation
Weber Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 216 of this regulation
	From its origin to the point													
Cottonwood Creek	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 217 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	X					section 218 of this regulation
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	X					section 219 of this regulation

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Corey Creek	From its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north line of section 3, T. 7 N., R. 29 E., M.D.B. & M.	X	X	X	X	X	X	X	X					section 220 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact	wit	h the	e wa	ter									
Noncontact	Recreation not involving con	tact	with	h the	e wa	ıter								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply	, <i>0</i> 1	· bot	h										
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecolo	ogic	al o	r ae	sthe	tic v	alu	e						
Enhance	Enhancement of water quality	y												
Marsh	Maintenance of a freshwater	ma	rsh											

Sec. 201. The standards for water quality for the Walker Region are prescribed in sections 202 to 220, inclusive, of this regulation.

Sec. 202. The limits of this table apply to the body of water known as West Walker River at the state line. This segment of West Walker River is located in Douglas County.

STANDARDS OF WATER QUALITY

West Walker River

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	se ^a			
PARAMETER Beneficial Uses Aquatic Life Species of	TO MAINTAIN EXISTING HIGHER QUALITY f Concern	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X	X	X				Aesthetic	Enhance	Marsh
		,	bro	wn	trou	ıt.	ı						
Temperature °C-	July - Oct ≤22 °C	<i>Nov - Apr ≤ 13 °C</i>											
Maximum	ΔT≤θ℃	May - June ≤17 °C July - Oct ≤23 °C			*	X							
ΔT^{b}		ΔT _{≤2°C}											
pH Units		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	A-Avg. ≤0. 03	A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species	Total	Nitrate S.V. ≤10.0											
(N) - mg/l	Nitrogen A-Avg. ≤ 0.6 S.V. ≤ 0.9	Nitrite S.V. ≤0.06	X		*	X	X	*		X			
Total Ammonia		c			*								
(as N) - mg/l	_												
		S.V.											
Dissolved Oxygen -	_	<i>Nov - May ≥ 6.0</i>	X		*	X	X	X		X			
mg/l	_	Jun - Oct ≥ 5.0											
Suspended Solids -	A-Avg. ≤ 60				*								
mg/l	_	S.V. ≤80											

	REQUIREMENTS	WATER QUALITY				В	enej	icia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU		d			*			X					
Color - PCU	S.V. ≤26	S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤165 S.V. ≤220	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	A-Avg. ≤ 15.0 $S.V. ≤ 20.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	S.V. ≤25.0	S.V. ≤250						*					
Sodium - SAR	$A-Avg. \le 0.5$ $S.V. \le 0.6$	A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml													
AGM	_	≤126				*	X						
Single Value	_	≤410											

^{* =} The most restrictive beneficial use.

Sec. 203. 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.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

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

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

Increase in turbidity must not be more than 10 NTU above natural conditions.

STANDARDS OF WATER QUALITY

Topaz Lake

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	f Concern										, bro er sa		
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	ΔT≤0°C	May - June ≤ 17 % $July - Oct ≤ 23 %$			*	X							
∆ <i>T</i> ^b		∆T _{≤2°C}											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates		A-Avg. ≤ 0.05			*	*	17	17					
(as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Nitrogen Species	Total	<i>Nitrate S.V.</i> ≤ <i>10.0</i>											
(N) - mg/l	Nitrogen A -Avg. ≤ 0.6 $S.V. \leq 1.0$	Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
		S.V.											
Dissolved Oxygen -	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
mg/l	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended Solids -	A - A v g . ≤ 0.6				*								
mg/l	S.V. ≤9.0	S.V. ≤25											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Turbidity - NTU	$A-Avg. \le 3.0$ $S.V. \le 5.0$	d			*			X					
Color - PCU	S.V. ≤21	S.V. ≤75						*					
Total Dissolved Solids - mg/l	$A-Avg. \le 105$ $S.V. \le 120$	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 7.0$ $S.V. \le 10.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	S.V. ≤25.0	S.V. ≤250						*					
Sodium - SAR	$A-Avg. \le 0.5$ $S.V. \le 0.6$	A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml AGM	_	≤126				*	X						
Single Value	_	≤ 235											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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. 204. The limits of this table apply to the body of water known as West Walker River from the state line downstream to the West Walker River near Wellington. This segment of West Walker River is located in Douglas County.

STANDARDS OF WATER QUALITY

West Walker River

	REQUIREMENTS	WATER QUALITY				E	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	I
Aquatic Life Species	of Concern		Moi trou		in w	hitej	fish,	rain	bow	trou	t an	d br	own
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	∆T≤0°C	May - $June ≤ 17 °CJuly$ - $Oct ≤ 23 °C$			*	X							
∆ <i>T</i> ^b		$\Delta T_{\leq 2} \sim$											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	$A-Avg. \le 0.07$ $S.V. \le 0.10$	A-Avg. ≤0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A -Avg. ≤ 0.6 $S.V. \leq 1.0$	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	с			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		$S.V. \ge 6.0$ $Nov - May \ge 5.0$ $Jun - Oct.$	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids - mg/l	$A-Avg. \le 175$ $S.V. \le 260$	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	A - A v g . ≤ 16.0 S . V . ≤ 30.0	S.V. ≤250	X	X				*		X			
Sulfate - mg/l		S.V. ≤250						*					
Sodium - SAR		A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

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

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

Sec. 205. The limits of this table apply to the body of water known as West Walker River near Wellington downstream to its confluence with East Walker River near Nordyke Road.

This segment of West Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

West Walker River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	<i>X</i> Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of (Concern		Bro	own	troi	ut a	nd i	rain	bow	tro	ut.		
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	∆T≤0°C	May - June ≤17 °C July - Oct ≤23 °C			*	X							
∆ <i>T</i> ^b		$\Delta T_{\leq 2} \sim C$											
pH Units		S.V. $6.5 - 9.0$ $\triangle pH \pm 0.5 \ Max$.	X	X	X	*		X	X	*			
Total Phosphates		A-Avg. ≤ 0.10			*	*							
(as P) - mg/l	S.V. ≤ 0.15				*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A -Avg. ≤ 1.0 $S.V. \leq 1.2$	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

^d Increase in turbidity must not be more than 10 NTU above natural conditions.

	REQUIREMENTS	WATER QUALITY				В	enej	icia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l	_ _	S.V. ≥ 6.0 Nov - May ≥ 5.0 June - Oct	X		*		X	X		X			
Suspended Solids - mg/l		S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU	S.V. ≤46	S.V. ≤75						*					
Total Dissolved Solids -	A-Avg. ≤330 S.V. ≤425	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 22.0$ $S.V. \le 28.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	S.V. ≤74.0	S.V. ≤250						*					
Sodium - SAR		A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	— —	< 25% change from natural conditions			*					X			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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. 206. The limits of this table apply to the body of water known as Sweetwater Creek from the state line to its confluence with East Walker River. Sweetwater Creek is located in Lyon County.

STANDARDS OF WATER QUALITY

Sweetwater Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species	of Concern			unt ut a						vn ti	rout	, br	ook
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	ΔT≤θ℃	May - June ≤17 °C July - Oct ≤23 °C			*	X							
∆ T ^b		ΔT _{≤2°C}											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 \ Max.$	X	X	X	*		X	X	*			
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤ 10.0											
(N) - mg/l	A-Avg. $S.V. \leq 0.25$ ≤ 0.45	<i>Nitrite S.V.</i> ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

	REQUIREMENTS	WATER QUALITY				В	enef	icia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V. ≥ 6.0		,	,		,	,	,		,	,	
Dissolved Oxygen -	_	$Nov - May \ge 5.0$	X		*	X	X	X		X			
mg/l	_	June - Oct											
Suspended Solids - mg/l	S.V. ≤45	S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved	A-Avg. ≤220	A-Avg. ≤500	X	X				*					
Solids - mg/l	S.V. ≤300												
Chlorides - mg/l	$A-Avg. \le 5.0$ $S.V. \le 7.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l		S.V. ≤250						*					
Sodium - SAR		A-Avg. ≤8		*				X					
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								^			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 East Walker River at the state line. This segment of East Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

East Walker River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X		X	X	X		7	1
Aquatic Life Species of	Concern			unta wn t			efish	, rai	inbo	w tro	out d	and	
Temperature C- Maximum	ΔT≤0°C	Nov - Apr ≤ 13 $^{\circ}$ C May - June ≤ 17 $^{\circ}$ C July - Oct ≤ 23 $^{\circ}$ C			*	X							
∆ T ^b		$\Delta T_{\leq 2} \circ_{C}$											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. ≤ 0.8 S.V. ≤ 1.4	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		S.V. ≥ 6.0											
Dissolved Oxygen -	_	$Nov - May \ge 5.0$	X		*	X	X	X		X			
mg/l	_	June - Oct											
Suspended Solids - mg/l	S.V. ≤30	S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤175 S.V. ≤210	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 5.0$ $S.V. \le 7.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	S.V. ≤26	S.V. ≤250						*					
Sodium - SAR	<i>A-Avg.</i> ≤2	<i>A-Avg.</i> ≤8		*				X					
Alkalinity	_	< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 East Walker River from the state line to Bridge B-1475. This segment of East Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

East Walker River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	ıl U	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	X Contact	X Noncontact	X Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	V
Aquatic Life Species of C	Concern			wn			itefi	sh,	rain	bow	tro	ut a	nd
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	ΔT≤θ℃	May - June ≤17 $\%$ July - Oct ≤23 $\%$			*	X							
∆ <i>T</i> ^b		ΔT _{≤2°C}											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.10			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A -Avg. ≤ 0.9 $S.V. \leq 1.7$	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l U	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov - May ≥ 6.0 June - Oct ≥ 5.0	X					X		X			
Suspended Solids - mg/l		S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids - mg/l	$A-Avg. \le 320$ $S.V. \le 390$	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 13.0$ $S.V. \le 19.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l		S.V. ≤250						*					
Sodium - SAR		<i>A-Avg.</i> ≤ 8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value		≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 East Walker River from Bridge B-1475 downstream to its confluence with West Walker River near Nordyke Road. This segment of East Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

East Walker River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl U	se ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of C	Concern		Bro	own	tro	ut a	nd i	rain	bon	, tro	ut.		
Temperature °C-	ΔT≤0°C	Nov - Apr ≤13 °C May - June ≤17 °C											
Δ T ^b		July - $Oct_{\leq 23} {}^{\circ}_{\circ}$ $\Delta T_{\leq 2} {}^{\circ}_{\circ}$			*	X							
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		$A-Avg. \le 0.16$ $S.V. \le 0.39$			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A-Avg. ≤ 0.9 S.V. ≤ 1.7	Nitrate S.V. ≤ 10.0 Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	icia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l	_ _	S.V. Nov - May ≥ 6.0 June - Oct ≥ 5.0	X		*		X	,		X	,		,
Suspended Solids - mg/l		S.V. ≤80			*								
Turbidity - NTU		d			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids - mg/l	$A-Avg. \le 320$ $S.V. \le 390$	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 13.0$ $S.V. \le 19.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	S.V. ≤44.0	S.V. ≤250						*					
Sodium - SAR		<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 Walker River from the confluence of the East and West Walker Rivers downstream to the inlet to Weber Reservoir. This segment of Walker River is located in Lyon County.

STANDARDS OF WATER QUALITY

Walker River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl U	se ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X				X Industrial	X Wildlife		Enhance	Marsh
Aquatic Life Species of C	Concern		Cho	ann	el c	atfis	sh a	nd l	arg	emo	uth	bas	S.
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	ΔT≤θ℃	May - June ≤ 23 °C ° July - Oct ≤ 28 °C			*	X							
∆T ^b		ΔT _{≤2°C}											
pH Units		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates		A-Avg. ≤0.26			*	*	X	v					
(as P) - mg/l		S.V. ≤0.40					Λ	X					
Nitrogen Species	Total Nitrogen	<i>Nitrate S.V.</i> ≤ <i>10.0</i>											
(N) - mg/l	A-Avg. ≤ 1.2 S.V. ≤ 1.5	Nitrite S.V. $\leq 1.0^{-d}$	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	e			*								

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l	_ _	S.V. Nov - May ≥ 6.0 June - Oct ≥ 5.0	X		*		X			X	,		
Suspended Solids - mg/l		S.V. ≤80			*								
Turbidity - NTU		f			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids - mg/l	A-Avg. ≤400 S.V. ≤450	A-Avg. ≤500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 30.0$ $S.V. \le 35.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	A - A v g . ≤ 95.0 S . V . ≤ 110.0	S.V. ≤250						*					
Sodium - SAR	S.V. ≤3	A-Avg. ≤8		*				X					
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

Maximum allowable increase in temperature above water 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.
- 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.
- Increase in turbidity must not be more than 10 NTU above natural conditions.

Sec. 211. The limits of this table apply to the Walker River from Weber Reservoir downstream to the inlet to Walker Lake. This segment of Walker River is located in Mineral County.

STANDARDS OF WATER QUALITY

Walker River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic		Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of (Concern		ade	qua	te fl	ow e	exist	ough s, ad adu	lult .	Lah	onta	ın	•
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum ∆T ^b	∆T≤0℃	May - June $\leq 23 \text{°C}^c$ July - $Oct_{\leq 28 \text{°C}}$ $\Delta T_{\leq 2 \text{°C}}$			*	X							
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates		A-Avg. ≤ 0.17			*	*		·			_		
(as P) - mg/l		S.V. ≤0.23			*	*	X	X					
Nitrogen Species	Total	<i>Nitrate S.V.</i> ≤ <i>10.0</i>											
(N) - mg/l	Nitrogen	Nitrite S.V. ≤ 1.0d											
	<i>A-Avg.</i> ≤1.2	Ammonia	X		*	X	X	*		X			
	S.V. ≤1.5	$(un-ionized) \le 0.06$											
		S.V.											
Dissolved Oxygen - mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	June - Oct ≥ 5.0											
Suspended Solids - mg/l	S.V. ≤60	S.V. ≤80			*								
Turbidity - NTU		e			*			X					
Color - PCU		S.V. ≤75						*					
Total Dissolved Solids -	A-Avg. ≤390	A-Avg. ≤500											
mg/l	S.V. ≤570		X	X				*					
Chlorides - mg/l	$A-Avg. \le 23.0$ $S.V. \le 34.0$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	A-Avg. ≤95.0												
	S.V. ≤110.0	S.V. ≤250						*					
Sodium - SAR		A-Avg. ≤8		*				11/					
	S.V. ≤3			*				X					
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l	_	conditions								Λ			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml													
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water 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. 212. The limits of this table apply to the body of water known as Desert Creek from the state line to its confluence with West Walker River. Desert Creek is located in Lyon County.

STANDARDS OF WATER QUALITY

Desert Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Beneficial Uses		X	X	X	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		
Aquatic Life Species of Co	oncern		Bro troi		troi	ut, b	roo	k tr	out	and	' rai	nbo	w		
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>													
Maximum	∆T≤0°C	May - June ≤17 $^{\circ}$ C July - Oct ≤23 $^{\circ}$ C			*	X									
∆ <i>T</i> ^b		ΔT _{≤2°C}													
pH Units		S.V. $6.5 - 9.0$ $\triangle pH \pm 0.5 \ Max$.	X	X	X	*		X	X	*					
Total Phosphates		<i>A-Avg.</i> ≤ 0.10													
(as P) - mg/l	S.V. ≤ 0.13				*	*	X	X							
Nitrogen Species	Total	<i>Nitrate S.V.</i> ≤ 10.0													
(N) - mg/l	Nitrogen A-Avg. ≤ 0.20 S.V. ≤ 0.27	<i>Nitrite S.V.</i> ≤ <i>0.06</i>	X		*	X	X	*		X					
Total Ammonia (as N) - mg/l	_	c			*										
		S.V.													
Dissolved Oxygen - mg/l	_	Nov - May ≥ 6.0 June - Oct ≥ 5.0	X		*	X	X	X		X					
Suspended Solids - mg/l		S.V. ≤80			*										
Turbidity - NTU		d			*			X							
Color - PCU		S.V. ≤75						*							
Total Dissolved Solids - mg/l	A-Avg. ≤110 S.V. ≤130	A-Avg. ≤500	X	X				*							

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chlorides - mg/l	$A-Avg. \le 5$ $S.V. \le 7$	S.V. ≤250	X	X				*		X			
Sulfate - mg/l		S.V. ≤250						*					
Sodium - SAR		<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l		< 25% change from natural conditions			*					X			
E coli - No./100 ml AGM Single Value	_ _	≤ 126 ≤ 410				*	X						

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Increase in turbidity must not be more than 10 NTU above natural conditions.

Sec. 213. 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

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern										adu trou		nd
Temperature °C-													
Maximum					*	X							
∆ <i>T</i> ^b		ΔT≤2°C											
pH Units		S.V. 6.5 - 9.7	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		S.V. ≤ 0.82			*	*	X	X					
Nitrogen Species	Total Inorganic Nitrogen	<i>Nitrate S.V.</i> ≤ 90.0											
(N) - mg/l	S.V. ≤ 0.3	Nitrite S.V. ≤ 0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	с			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0 ^d	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤25			*								
E coli - No./100 ml													=
AGM	_	≤ 126				*	X						
Single Value	_	≤ 410											

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 200 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. 214. The limits of this table apply to the body of water known as Mason Valley Wildlife Management Area, including, without limitation, Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern		Tro	ut.			ı	1		1			
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 215. The limits of this table apply to the body of water known as Mason Valley Wildlife Management Area for all surface water impoundments, excluding Hinkson Slough, Bass Pond, Crappie Pond and North Pond. This segment of Mason Valley Wildlife Management Area is located in Lyon County.

STANDARDS OF WATER QUALITY

Mason Valley Wildlife Management Area

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	
Aquatic Life Species of C	oncern			<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>		
Temperature °C		S.V. ≤ 34			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $SV \le 576$				*	X						
Fecal Coliform - No./100 ml		d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:

- 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 216. The limits of this table apply to the entire body of water known as Weber Reservoir. Weber Reservoir is located in Mineral County.

STANDARDS OF WATER QUALITY

Weber Reservoir

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	se ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of C	Concern			l	1	1	1	<u> </u>	1	l			
Temperature °C		S.V. ≤ 34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Dissolved Solids - mg/l		S.V. ≤ 500 or one- third above that characteristic of natural conditions (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		с	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water 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:
 - 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.
 - The fecal coliform concentration, based on a minimum of 5 samples during any 30-day period, must not exceed a geometric mean of 200 per 100 milliliters, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters. This is applicable only to those waters used for primary contact recreation.

Sec. 217. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,		
Aquatic Life Species of C	oncern				<u>I</u>		<u>I</u>	<u>I</u>		<u>I</u>	l .		
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 218. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	_	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	oncern			<u>I</u>	l	1	1	1	1	<u>I</u>			I
Temperature °C ∆T ^b		$S.V. \leq 20$			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 219. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of (Concern									1			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		$S.V. \leq 20$			*	X							
ΔT^b		0			•	A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Corey Creek from its origin to the point of diversion of the Hawthorne Naval Ammunition Depot, near the north 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	1	X		7	V
Aquatic Life Species of C	Concern			l	l	l	1	<u> </u>	<u> </u>	l			
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S. V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 200 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 beneficial uses for the Central Region are prescribed in this section:

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Chiatovich Creek	Above the highway maintenance station.	X	X		X	X	X	X						section 223 of this regulation
Indian Creek	Above the center of section 9, T. 2 S., R 34 E.	X	X	X	X	X	X	X	X					section 224 of this regulation
Leidy Creek	Above the hydroelectric plant.	X	X	X	X	X	X	X	X					section 225 of this regulation
Fish Lake	The entire lake.	X	X	X	X	X	X	X	X					section 226 of this regulation

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
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 227 of this regulation
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 228 of this regulation
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X					section 229 of this regulation
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 230 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 231 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 232 of this regulation
Kingston Creek	From its origin to Groves Reservoir.	X	X	X	X	X	X		X					section 233 of this regulation
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 234 of this regulation
Kingston Creek	Below Groves Lake.	X	X	X	X	X	X	X	X				Trout	section 235 of this regulation
Birch Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 236 of this regulation

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
	From the national forest													
	boundary to the first													section 237 of
Birch Creek	diversion dam, near the west	X	X	X	X	X	X	X	X				Trout	this regulation
	line of section 1, T. 17 N., R.													inis regulation
	44 E., M.D.B. & M.													
	From its origin to the first													
Skull Creek	point of diversion, near the	X	v	X	v	v	v		X					section 238 of
	east line of T. 21 N., R 45 E.,	Λ	Λ	Λ	Λ	Λ	Λ		Λ					this regulation
	M.D.B. & M.													
	From its origin to the first													
	point of diversion, near the	v	X	v	v	X	v		v					section 239 of
Steiner Creek	north line of section 34, T. 21	X	A	A	A	A	Λ		X					this regulation
	N., R 46 E., M.D.B. & M.													
Pine Creek (Nye	From its origin to the	17		17	17	17	17							section 240 of
County)	national forest boundary.	X	X	X	X	X	X		X					this regulation
	From its origin to the first													section 241 of
Barley Creek	point of diversion, near the	X	X	X	X	X	X		X					
	national forest boundary.													this regulation
Manager Const	From its origin to the	X	v	v	N/	V	•		1/					section 242 of
Mosquito Creek	national forest boundary.	A	X	X	X	X	X		X					this regulation
Grand and God	From its origin to the	**	*7	17	**	**	*7		*7					section 243 of
Stoneberger Creek	national forest boundary.	X	X	X	X	X	X		X					this regulation
Roberts Creek	From its origin to Roberts	X	X	X	X	X	X		X					section 244 of
Auberts Creek	Creek Reservoir.	A	A	A	Λ	Λ	Λ		A					this regulation
Roberts Creek	Below Roberts Creek	X	X	X	X	X	X	X	X					section 245 of
LLOUGHS CICCH	Reservoir.	A	A	A	А	A	А	A						this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Fish Springs Pond	The entire pond.	X	X			X	X	X	X				Trout	section 246 of this regulation
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 247 of this regulation
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X				Trout	section 248 of this regulation
Angel Lake	The entire lake.	X	X	X	X	X	X		X					section 249 of this regulation
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X					section 250 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 251 of this regulation
Gleason Creek	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X					section 252 of this regulation
Gleason Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	X	X	X		X		X	X					section 253 of this regulation
	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 254 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Comins Reservoir	The entire reservoir.	X	X		X	X	X	X					Trout	section 255 of this regulation
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					section 256 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 257 of this regulation
Bird Creek	From its origin to the pipeline intake, near Bird Creek Campground.	X	X	X	X	X	X		X					section 258 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 259 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 260 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 261 of this regulation
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 262 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Cave Creek	Its entire length.	X	X	X	X	X	X		X					section 263 of this regulation
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X				Trout	section 264 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 265 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 266 of this regulation
Current Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 267 of this regulation
Current Creek	From the national forest boundary to Current.	X	X	X	X	X	X	X	X					section 268 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact	with	the	wat	er									
Noncontact	Recreation not involving cont	act 1	vith	the	wat	er								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply,	, or	both	!										
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													

					В	enej	icia	l Us	ses				Aquatic	Water Quality
Water body Name	Segment Description					ct							Species of	Standard NAC
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Concern	Reference
Aesthetic	Waters of extraordinary ecolo	gica	l or	aest	heti	ic va	lue							
Enhance	Enhancement of water quality	,												
Marsh	Maintenance of a freshwater i	nar	sh											

Sec. 222. The standards for water quality for the Central Region are prescribed in sections 223 to 268, inclusive, of this regulation.

Sec. 223. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses Aquatic Life Species of	TO MAINTAIN EXISTING HIGHER QUALITY Concern	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	_	X Contact	_	X Municipal		X Wildlife	Aesthetic	Enhance	Marsh
Temperature °C-		<i>Nov - Apr ≤ 13 °C</i>											
Maximum	47. 000	May - Jun. ≤17 \mathcal{C} July - Oct ≤23 \mathcal{C}			*	X							
∆ <i>T</i> ^b	∆ T = 0 ℃	ΔT ≤ 2 °C											
pH Units	_	S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphates	A-Avg. ≤.04	A - A v g . ≤ 0.1			*	*	X	X					
(as P) - mg/l	S.V. ≤.06	_					Α	Λ					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤6	Nitrite S.V. ≤.06	X		*	X	X	*		X			
	S.V. ≤8												
Total Ammonia		С			*								
(as N) - mg/l	_												
		S.V.											
Dissolved Oxygen - mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	<i>Jun - Oct ≥ 5.0</i>											
Suspended Solids - mg/l		S.V. ≤25			*								
Turbidity - NTU		S.V. ≤10			*			X					
Color - PCU	_	d						*					
Total Dissolved Solids -	A-Avg. ≤50	<i>A-Avg.</i> ≤500	N/	v				*					
mg/l	S.V. ≤60	_	X	X				*					
Chlorides - mg/l	<i>A-Avg.</i> ≤2			***				*		**			
	S.V. ≤3	S.V. ≤250	X	X				*		X			
Sulfate - mg/l	<i>A-Avg.</i> ≤4							*					
	S.V. ≤5	S.V. ≤250						*					
Sodium - SAR	<i>A-Avg.</i> ≤1	A-Avg. ≤8		*				X					
Alkalinity		< 25% change from natural			*					v			
(as CaCO ₃) - mg/l	_	conditions			^					X			
Fecal Coliform -	AGM ≤100		X	X		*	X	X		X			
No./100 ml	S.V. ≤200	≤200/400 ^e	A	Λ			A	^		Λ			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
E coli - No./100 ml AGM						*	X						
Single Value		≤ 126 ≤ 410					Λ						

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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. 224. 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. Indian Creek is located in Esmeralda County.

STANDARDS OF WATER QUALITY

Indian Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of C	oncern												
Temperature °C-		<i>Nov - Apr. ≤13 °C</i>											
Maximum		May-June ≤17℃											
		July - Oct ≤23 ℃			*	X							
∆ T ^b	$\Delta T = \theta \mathcal{C}$	∆ T ≤2 °C											
pH Units		S.V. 6.5 - 9.0	X	X	X	*		v	X	*			
	_	$\Delta pH \pm 0.5 Max$.	Λ	Λ	Λ			Λ	Λ				
Total Phosphates		A-Avg. ≤ 0.1			*	*							
(as P) - mg/l	S.V. ≤ 0.13	_			*	*	X	X					
Nitrogen Species	<i>Nitrate S.V.</i> ≤ 0.45	Nitrate S.V. ≤10											
(N) - mg/l		Nitrite S.V. ≤ 06	X		*	X	X	*		X			
Total Ammonia	_	c			*								
(as N) - mg/l													
		S.V.											
Dissolved Oxygen - mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	<i>June - Oct ≥ 5.0</i>											
Suspended Solids - mg/l	_	S.V. ≤25			*								
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	_	d						*					
Total Dissolved Solids -	A-Avg. ≤225	A-Avg. ≤500	1										
mg/l	S.V. ≤300	_	X	X				*					
Chlorides - mg/l	<i>A-Avg.</i> ≤ 6	_	v	v				*		v			
	S.V. ≤10	S.V. ≤250	X	X						X			
Sulfate - mg/l		S.V. ≤250						*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Sodium - SAR		A-Avg. ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_	< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	AGM≤100 S.V. ≤200	≤200/400 ^e	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	_ _	≤ 126 ≤ 410				*	X						

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Increase in color must not be more than 10 PCU above natural conditions.
- 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. 225. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	1		X	X	X	X	X	X	X	X			I
Aquatic Life Species of C	oncern			<u> </u>	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>		
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum		May - June ≤17℃											
		July - Oct ≤23 °C			*	X							
∆ T ^b	$\Delta T = \theta \mathcal{C}$	ΔT _{≤2°C}											
pH Units	_	S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates	<i>A-Avg.</i> ≤ 013	<i>A-Avg.</i> ≤ 0.1											
(as P) - mg/l	S.V. ≤.03	_			*	*	X	X					
Nitrogen Species	Nitrate	Nitrate S.V. ≤10											
(N) - mg/l	$A-Avg. \le 0.18$ $S.V. \le 0.22$	Nitrite S.V. ≤.06	X		*	X	X	*		X			
Total Ammonia	5.7. \$0.22												
(as N) - mg/l	_	c			*								
		S.V.											
Dissolved Oxygen - mg/l	_	$Nov - May \ge 6.0$	X		*	X	X	X		X			
	_	<i>June - Oct ≥ 5.0</i>											
Suspended Solids - mg/l	_	S.V. ≤25			*								
Turbidity - NTU	_	S.V. ≤10			*			X					
Color - PCU	_	d						*					
Total Dissolved	A-Avg. ≤135	A-Avg. ≤500	v	v				*					
Solids - mg/l	S.V. ≤150	_	X	X									

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Chlorides - mg/l	$A-Avg. \le 3$ $S.V. \le 5$		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			
Fecal Coliform - No./100 ml	AGM ≤100 S.V. ≤200	≤200/400 °	X	X		*	X	X		X			
E coli - No./100 ml AGM						*	X						
Single Value		≤ 126 ≤ 410					<i>A</i>						

^{* =} The most restrictive beneficial use.

Sec. 226. The limits of this table apply to the entire body of water known as Fish Lake.

Fish Lake is located in Esmeralda County.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

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

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.

STANDARDS OF WATER QUALITY

Fish Lake

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	,
Aquatic Life Species of C	oncern				<u> </u>				<u> </u>				
Temperature °C		S.V. ≤ 34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>5.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 227. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation		Contact		-	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern												
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved		S.V. ≤ 500 or the											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 228. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	Ì		
Aquatic Life Species of C	oncern		Tro	ut.		!	l .	l .					
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 229. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			7
Aquatic Life Species of C	Concern				l	<u> </u>	l						
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		SV. ≤ 500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM≤126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	Mildlife X	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern												
Temperature °C ΔT ^b		S.V. ≤ 20 0			*	X							

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*					
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X							
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X	X	X	X		X		7			
Aquatic Life Species of C	Concern			<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			l		
Temperature °C 1T b		S.V. ≤ 20 0			*	X									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*					
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X							
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
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 Fecal Coliform - No./100 ml	REQUIREMENTS	WATER QUALITY		Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
_		≤ 200/400 ^d	X	X		*	X	X		X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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 Beneficial Uses Aquatic Life Species of C	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Beneficial Uses			X	X	X	X	X	X		X				
Aquatic Life Species of Concern							1			1				

PARAMETER	REQUIREMENTS TO MAINTAIN STANDARDS FOR EXISTING HIGHER QUALITY BENEFICIAL USES	WATER QUALITY	Beneficial Use ^a										
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		$S.V. \leq 20$			*	X							
ΔT^b		0			•	A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		<i>S.V.</i> ≤ <i>500 or the</i>											
Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Kingston Creek from its origin to Groves Reservoir. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Kingston Creek

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X	X	X	X		X			7		
Aquatic Life Species of Concern				l	l		<u> </u>	<u> </u>	l						
Temperature °C		S.V. ≤ 20 0			*	X									
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*					
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X							
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X					
Total Ammonia (as N) - mg/l		c			*										
Total Dissolved		<i>S.V.</i> ≤ 500 or the													
Solids - mg/l		95th percentile (whichever is less).	X	X				*							
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Groves Lake. Groves Lake is located in Lander County.

STANDARDS OF WATER QUALITY

Groves Lake

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern		Tro	ut.									
Temperature °C ΔT ^b		$S.V. \le 20$			*	X							

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 below Groves Lake. This segment of Kingston Creek is located in Lander County.

STANDARDS OF WATER QUALITY

Kingston Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	X Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			7
Aquatic Life Species of C	Concern		Tro	ut.	<u>I</u>	<u>I</u>	1	<u>I</u>		<u>I</u>			
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or 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.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic			Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of (Concern				I	1	ı	I					
Temperature °C		<i>SV</i> ≤ 20			*	v							
ΔT^b		0				X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids - mg/l		SV. ≤ 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		,	
Aquatic Life Species of C	Concern		Tro	ut.		<u>I</u>			<u>I</u>				
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0											
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

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

^d Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			I		I				I	I		
Temperature °C ∆T ^b		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids -		<i>SV</i> . ≤ 500 or the											
mg/l		95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	әӺілүп:М	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		$\leq 200/400^{d}$	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern						1		1	1	1		

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ 20			*								
ΔT^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids -		<i>S.V.</i> ≤ 500 or the											
mg/l		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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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)

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,		
Aquatic Life Species of C	oncern			l	<u> </u>		<u> </u>						
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0			_	A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic		Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern					l	l	l	l	<u>I</u>	<u>I</u>		
Temperature °C ΔT ^b		S.V. ≤ 200			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/	7	<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Mosquito Creek from its origin to the national forest boundary. Mosquito Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Mosquito Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X	,	,	
Aquatic Life Species of C	oncern			<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>	<u>I</u>				
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Stoneberger Creek from its origin to the national forest boundary. Stoneberger Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Stoneberger Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			I			l	1	I				ı
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		SV. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern						ı	1	ı	ı	ı		

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ 20			*								
∆T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Roberts Creek below Roberts Creek Reservoir. This segment of Roberts Creek is located in Eureka County.

STANDARDS OF WATER QUALITY

Roberts Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern												
Temperature °C		S.V. ≤ 24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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			

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Fish Springs Pond. Fish Springs Pond is located in Eureka County.

STANDARDS OF WATER QUALITY

Fish Springs Pond

	REQUIREMENTS	WATER QUALITY				В	Bene	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Aquatic Life Species of	f Concern		Tro	ut									
riquatic Life Species of	Concern		170	и.									
Temperature °C		S.V. ≤ 20			*	X							
ΔT^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.1</i>			*	*	X	X					
Dissolved Oxygen - mg	1	<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

^{* =} The most restrictive beneficial use.

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic 4	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		$AGM \le 126$ $S.V. \le 576$				*	X						
Fecal Coliform - No./100 ml		≤ 200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Illipah

Reservoir. Illipah Reservoir is located in White Pine County.

STANDARDS OF WATER QUALITY

Illipah Reservoir

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Beneficial Uses	,		X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern		Tro	ut.		l	l	l	l				
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Ruby Marsh.

Ruby Marsh is located in Elko County.

STANDARDS OF WATER QUALITY

Ruby Marsh

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	•	
Aquatic Life Species of C	Concern		Tro	ut.						<u> </u>	<u> </u>		
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Angel Lake.

Angel Lake is located in Elko County.

STANDARDS OF WATER QUALITY

Angel Lake

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern										•		
Temperature °C		SV ≤ 20			*	X							
ΔT^b		0				•							

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ 0.025			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		SV. ≤ 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			1	1	1	1	1	1				
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	ıl Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		$\leq 200/400^{d}$	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern					ı				1	ı		1

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		<i>S.V.</i> ≤ 20			*								
ΔT^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		<i>S.V.</i> ≤ <i>0.10</i>			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>6.0</i>	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature 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 ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern			l	1	1	1		l				
Temperature °C		S. V. ≤ 34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 253. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of (Concern												
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		$S.V. \geq 3.0$	X		*		X		X	X			
Total Ammonia (as N) - mg/l		b			*								
E coli - No./100 ml		<i>AGM</i> ≤ <i>630</i>					X						

^{* =} The most restrictive beneficial use.

Sec. 254. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of (Concern												

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*		X		X	*			
Dissolved Oxygen - mg/l		<i>S.V.</i> ≥ <i>3.0</i>	X		*		X		X	X			
Total Ammonia (as N) - mg/l		b			*								
E coli - No./100 ml		<i>AGM</i> ≤ 630					X						

^{* =} The most restrictive beneficial use.

Sec. 255. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	_	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of (Concern		Tro	ut.	I	I	l	I	I				
Temperature °C		S.V. ≤ 20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			

^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.

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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Phosphorous (as P) - mg/l		$S.V. \leq 0.33$			*	*	X	X					
Dissolved Oxygen - mg/l		$S.V. \geq 6.0$	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤ 500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform - No./100 ml		d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 256. 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			<u>I</u>		<u>I</u>	I	<u> </u>	l		<u>I</u>		l
Temperature °C AT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 257. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of (Concern			Irrig Aqu, Com Non Mun Indu Wila						1			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤20			*	W							
∆T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 258. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			I
Aquatic Life Species of C	Concern			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
Temperature °C		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	әјіплім	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml		≤200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern				1	1		1	1	.1	1		

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤20											
∆T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation		Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			I	I	l	l	l	l	I	I		
Temperature °C 1T b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern				ı	ı	ı	ı		1			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤20											
∆ <i>T</i> ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Cleve Creek from its origin to the national forest boundary. Cleve Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Cleve Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	oncern												
Temperature °C		S.V. ≤20											
∆T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Cave Creek.

Cave Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Cave Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic				Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern			<u> </u>	l	<u> </u>	<u> </u>	<u> </u>	<u> </u>				
Temperature °C		S.V. ≤20			*	X							
∆T ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤ 0.10			*	*	X	X					
(as P) - mg/l							Λ	A					
Dissolved Oxygen - mg/	1	S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia		c			*								
(as N) - mg/l													

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 entire body of water known as Cave Lake.

Cave Lake is located in White Pine County.

STANDARDS OF WATER QUALITY

Cave Lake

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a

		Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Widlife	Aesthetic	Enhance	Marsh
Beneficial Uses		X	X	X	X	X	X	X	X			
Aquatic Life Species of Concern		Tro	ut.	I	I		I		I			
Temperature °C	S.V. ≤20			*	X							
ΔT^b	0				Λ							
pH Units	S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l	S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l	S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l	c			*								
Total Dissolved Solids - mg/l	S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 body of water known as Pine 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. Pine Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

Pine Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X		į	j
Aquatic Life Species of C	Concern			l									
Temperature °C ∆T ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤0.10			*	*	X	X					
(as P) - mg/l							<i>A</i>	Α					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids -		S.V. ≤500 or the											
mg/l		95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM≤126 S.V.≤410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of	Concern									•			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤20			*								
∆ <i>T</i> ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Current Creek from its origin to the national forest boundary. This segment of Current Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Current Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial		Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern			<u>I</u>	l	·	!	l .	!	l .			I
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 410				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Current Creek from the national forest boundary to Current. This segment of Current Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Current Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern				•		•						.1

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤24											
∆ T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 221 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 beneficial uses for the Great Salt Lake Region are prescribed in this section:

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Snake Creek	Above the fish hatchery.													section 271 of this regulation
Snake Creek	Above the fish hatchery to the Nevada-Utah state line.	X	X	X	X	X	X	X	X				Trout	section 272 of this regulation
Baker Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 273 of this regulation
Lehman Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 274 of this regulation
Silver Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 275 of this regulation
Silver Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 276 of this regulation
Hendry's Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 277 of this regulation
Irrigation	Irrigation													
Livestock	Watering of livestock													
Contact	Recreation involving contact with	th th	ie w	ater										
Noncontact	Recreation not involving contact	t wi	th th	ie w	ater	,								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply, o	r bo	th											
Wildlife	Propagation of wildlife													

					Ве	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecologic	cal o	or ac	esthe	etic	valu	e							
Enhance	Enhancement of water quality													
Marsh	Maintenance of a freshwater ma	ırsh												

Sec. 270. The standards for water quality for the Great Salt Lake Region are prescribed in sections 271 to 277, inclusive, of this regulation.

Sec. 271. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern												
Temperature C -		<i>Nov - Apr ≤ 13 °C</i>											
Maximum		May - June ≤17 °C July - Oct ≤23 °C			*	X							
ΔT ^b	$\Delta T = 0 \mathcal{C}$	∆T _{≤2°C}											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units	_	S.V. 6.5 - 9.0 \$\Delta pH \pm 0.5 Max.\$	X	X		*	7	X	X	*			7
Total Phosphates	<i>A-Avg.</i> ≤ .05	A-Avg. : ≤0.1			*	*	v	v					
(as P) - mg/l	S.V. ≤.08						X	X					
Nitrogen Species	Nitrate	Nitrate S.V. ≤10											
(N) - mg/l	A - A v g . \leq .22 S . V . \leq 44	Nitrite S.V. ≤06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l	_	c			*								
Dissolved Oxygen - mg/l	_	S.V. Nov - May ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l	-	Jun - Oct ≥ 6.0 S.V. ≤ 25			*								
Turbidity - NTU	<u> </u>	S.V. ≤10			*			X					
Color - PCU	_	d						*					
Total Dissolved Solids - mg/l	$A-Avg. \le 100$ $S.V. \le 125$	A-Avg. ≤ 500	X	X				*					
Chlorides - mg/l	$A-Avg. \le 10$ $S.V. \le 20$		X	X				*		X			
Sulfate - mg/l	_	S.V. ≤250						*					
Sodium - SAR	_	<i>A-Avg.</i> ≤8		*				X					
Alkalinity (as CaCO ₃) - mg/l	_ _	< 25% change from natural conditions			*					X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM ≤ 100 S.V. ≤ 200	≤200/400 ^e	X	X		*	X	X		X			
E coli - No./100 ml AGM Single Value	_ _	≤126 ≤410					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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. 272. The limits of this table apply to the body of water known as Snake Creek above 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	,		X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern		Tro	ut.	<u>I</u>	1	1	1	<u>I</u>				<u> </u>
Temperature °C		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:

- 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 273. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	Wildlife X	Aesthetic	Enhance	Marsh
Aquatic Life Species of C	Concern												
Temperature °C △T ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved		S.V. ≤500 or the											
Solids - mg/l		95th percentile (whichever is less).	X	X				*					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 274. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of C	oncern												
Temperature °C		S.V. ≤20			*	v							
∆T ^b		0				X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids -		S.V. ≤500 or the											
mg/l		95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		$AGM \le 126$ $S.V. \le 410$				*	X						
Fecal Coliform - No./100 ml		≤200/400 ^d	X	X		*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 275. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X		X			
Aquatic Life Species of C	Concern				ı	ı	ı						
Temperature °C		S.V. ≤20			*	X							
∆ T ^b		0				Λ							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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			

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic		Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern		Tro	ut.	<u> </u>	<u> </u>		<u> </u>					
Temperature °C		S.V. ≤20			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/	1	S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								

^{* =} The most restrictive beneficial use.

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	,		X	X	X	X	X	X		X			7
Aquatic Life Species of C	oncern			I	I	I							
Temperature °C		S.V. ≤20			*	v							
∆ <i>T</i> ^b		0			_	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

- ^a Refer to NAC 445A.122 and section 269 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. There are no designated waters in the Escalante Desert Region.

Sec. 279. The beneficial uses for the Colorado Region are prescribed in this section:

					В	enef	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Colorado River below Davis Dam	From the Lake Mohave inlet downstream to the state line below Davis Dam.	X	X			X	X	X						section 281 of this regulation
Colorado River below Hoover Dam	From Hoover Dam downstream to the inlet to Lake Mohave.	X	X	X	X	X	X	X	X					section 282 of this regulation
Lake Mead	Excluding the area not covered by section 284 of this regulation, Inner Las Vegas Bay.	X	X	X	X	X	X	X	X				Warm-water fishery	section 283 of this regulation
Inner Las Vegas Bay	Lake Mead from the confluence of Las Vegas Wash with Lake Mead to 1.2 miles into Las Vegas Bay.	X	X	X		X		X	X				Warm-water fishery	section 284 of this regulation

					В	enej	ficia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Upper Las Vegas Wash	From Telephone Line Road to the confluence of the discharges from the City of Las Vegas and Clark County wastewater treatment plants, including the discharge from the City of Henderson wastewater treatment plant.	X		X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	section 285 of this regulation
Lower Las Vegas Wash	From the confluence of Las Vegas Wash with Lake Mead to Telephone Line Road.	X	X	X		X			X			X	Excluding fish, this does not preclude the establishment of a fishery	section 286 of this regulation
Virgin River at Mesquite	From the Arizona-Nevada state line downstream to Mesquite.	X	X	X		X		X	X					section 287 of this regulation
state line near	At the Arizona-Nevada state line, near Littlefield, Arizona.	X	X	X		X		X	X					section 288 of this regulation
Virgin River at Riverside	From Mesquite downstream to the river mouth at Lake Mead.	X	X	X		X		X	X					section 289 of this regulation
Glendale Bridge	From the river source downstream to Glendale Bridge.	X	X	X		X	X	X	X					section 290 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Species of Concern	Standard NAC Reference
Muddy River at Overton	From the Glendale Bridge downstream to the river mouth at Lake Mead.	X	X			X	X		X					section 291 of this regulation
	From the Bridge above Rox downstream to Muddy River.	X	X	X		X		X	X					section 292 of this regulation
Beaver Dam Wash	Above Schroeder Reservoir.	X	X	X		X		X	X					section 293 of this regulation
Schroeder Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 294 of this regulation
White River	From its origin to the national forest boundary.	X	X	X	X	X	X		X					section 295 of this regulation
	From the national forest boundary to its confluence with Ellison Creek.	X	X	X	X	X	X	X	X				Trout	section 296 of this regulation
Dacey Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 297 of this regulation
Sunnyside Creek	From its origin to the Adams McGill Reservoir.	X	X	X	X	X	X	X	X					section 298 of this regulation
Adams McGill Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 299 of this regulation
Hay Meadow Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 300 of this regulation
Nesbitt Lake	The entire lake.	X	X	X	X	X	X	X	X					section 301 of this regulation
Pahranagat Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					section 302 of this regulation

					В	enej	icia	l Us	es				Aquatic	Water Quality
Water body Name	Segment Description		,			ıct	ľ	1					Species of	Standard NAC
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	Concern	Reference
Bowman	The entire reservoir.	X		X	X	X				,		I		section 303 of
Reservoir	The entire reservoir.	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ					this regulation
Eagle Valley	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 304 of
Reservoir	The entire reservoir.	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ				Trout	this regulation
Echo Canyon	The entire reservoir.	X	X	X	X	X	X	X	X				Trout	section 305 of
Reservoir	The entire reservou.	Λ	Λ	Λ	Λ	Λ	Λ	Λ	Λ				Trout	this regulation
	From its origin to the point													
Clover Creek	where it crosses the east	X	X	X	X	X	X	X	X					section 306 of
Ciover Creen	range line of T. 4 S., R. 67 E.,	-			*	**							Trout	this regulation
	M.D.B. & M.													
Eagle Valley	From its headwaters to Eagle	X	X	X	X	X	X	X	X				Trout	section 307 of
Creek	Valley Reservoir.													this regulation
Irrigation	Irrigation													
_														
Livestock	Watering of livestock													
Contact	Recreation involving contact v	vith	the	wat	er									
Noncontact	Recreation not involving conta	ict 1	vith	the	wat	er								
Industrial	Industrial supply													
Municipal	Municipal or domestic supply,	or	both	ļ.										
Wildlife	Propagation of wildlife													
Aquatic	Propagation of aquatic life													
Aesthetic	Waters of extraordinary ecolog	gica	l or	aesi	theti	ic va	ılue							
Enhance	Enhancement of water quality	1												
Marsh	Maintenance of a freshwater i	nar	sh											

Sec. 280. The standards for water quality for the Colorado Region are prescribed in sections 281 to 307, inclusive, of this regulation.

Sec. 281. The limits of this table apply to the body of water known as Colorado River from the Lake Mohave inlet downstream to the state line below Davis Dam. This segment of Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY

Colorado River

PARAMETER Beneficial Uses	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR R BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal		X Wildlife	Aesthetic	Enhance	Marsh	
Aquatic Life Species of	Concern					<u> </u>								
Temperature ℃- Maximum ΔT ^b	∆T= 2 °C	Nov - April ≤ 13 $^{\circ}$ C May - June ≤ 17 $^{\circ}$ C July - Oct ≤ 23 $^{\circ}$ C $^{\Delta}T \le 2 ^{\circ}$ C			*	X								
pH Units		$S.V5 - 9.0$ $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*				
Total Phosphates (as P) - mg/l	$A-Avg. \le 0.02$ $S.V. \le 0.03$	A-Avg. ≤ 0.05			*	*	X	X						
Nitrogen Species	Nitrate	Nitrate S.V. ≤10												
(N) - mg/l	$A-Avg. \le 1.1$ $S.V. \le 1.6$	Nitrite S.V. ≤.06	X		*	X	X	*		X				

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Total Ammonia		c			*										
(as N) - mg/l															
		S.V.													
Dissolved Oxygen - mg/l		$Nov - May \ge 6.0$	X		*	X	X	X		X					
		June - Oct ≥ 5.0													
Suspended Solids - mg/l		S.V. ≤25			*										
Turbidity - NTU		S.V. ≤10			*			X							
Color - PCU		d						*							
Total Dissolved Solids - mg/l		e	X	X				*							
Alkalinity		< 25% change from natural													
(as CaCO ₃) - mg/l		conditions			*					X					
Fecal Coliform -	AGM ≤50														
No./100 ml	S.V. ≤100	≤200/400 ^f	X	X		*	X	X		X					
E coli - No./100 ml	_	<i>AGM≤126</i>					*	X							
	_	S.V. ≤410													

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

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. 282. The limits of this table apply to the body of water known as Colorado River from Hoover Dam downstream to the inlet to Lake Mohave. This segment of Colorado River is located in Clark County.

STANDARDS OF WATER QUALITY

Colorado River

PARAMETER Beneficial Uses	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR	Livestock	Irrigation		Contact	Noncontact	Municipal	Industrial		Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X	X	X	X	X	X					
Aquatic Life Species of	Concern			ı											
Temperature C -															
Maximum		Nov - April ≤ 13 $^{\circ}$ C May - June ≤ 17 $^{\circ}$ C July - Oct ≤ 23 $^{\circ}$ C			*	X									
∆ T ^b	∆T=2°C	ΔT≤2°C													
pH Units		$S.V5 - 9.0$ $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*					
Total Phosphates (as P) - mg/l	$A-Avg. \le 0.02$ $S.V. \le 0.033$	A-Avg. ≤ 0.05			*	*	X	X							
Nitrogen Species	Nitrate	Nitrate S.V. ≤10													
(N) - mg/l	$A-Avg. \le 1.0$ $S.V. \le 1.5$	Nitrite S.V. ≤.06	X		*	X	X	*		X					

	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a										
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Ammonia (as N) - mg/l		c	7		*		I	7	7			7	I
Dissolved Oxygen - mg/l		S.V. Nov - May ≥ 6.0 Jun - Oct ≥ 5.0	X		*	X	X	X		X			
Suspended Solids - mg/l		S.V. ≤25			*								
Turbidity - NTU		S.V. ≤10			*			X					
Color - PCU		d						*					
Total Dissolved Solids - mg/l		e	X	X				*					
Alkalinity (as CaCO ₃) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	AGM ≤ 50 S.V. ≤ 100	≤200/400 ^f	X	X		*	X	X		X			
E coli - No./100 ml		AGM≤126 S.V.≤410					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.

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. 283. The limits of this table apply to the body of water known as Lake Mead, excluding the area not covered by section 284 of this regulation, Inner Las Vegas Bay. Lake Mead is located in Clark County.

STANDARDS OF WATER QUALITY

Lake Mead

	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a											
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial		Aesthetic	Enhance	Marsh	
Beneficial Uses				X	X	X	X	X	X	X				
Aquatic Life Species of Co	oncern		Warm-water fishery.											
Temperature Single Value	∆ T 0°C ^b	∆T 2°C ^b			*	X								
pH Units	95% of samples not to exceed 8.8 SU	S.V. 6.5 - 9.0	X	X	X	*		X	X	*				
Dissolved Oxygen - mg/l		≥5.0 mg/l in the epilimnion or average in water column during periods of nonstratification	X		*	X	X	X		X				
Chlorophyll <u>a</u> -µg/l	c				*		X	X						
Total Ammonia (as N)- mg/l	_	d			*									

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Total Dissolved Solids	Flow Weighted Annual			,					,						
	Average Concentration ≤														
	723 mg/l measured below			X				*							
Single Value	Hoover Dam														
	_	≤1,000 mg/l													
Chloride			X					*		X					
Single Value	f	\leq 400 mg/l e	Λ							Λ					
Sulfate								*							
Single Value	f	≤500 mg/l ^e													
Suspended Solids					*		17								
Single Value	_	≤25 mg/l			*		X								
Nitrogen Species as N															
Single Value	Total Inorganic Nitrogen	Nitrate ≤10 mg/l	X		X			*		X					
	95% of Samples ≤4.5 mg/l	Nitrite ≤1 mg/l													
Turbidity					*	X	X	X							
Single Value	g	≤25 NTU				Λ	Λ	Λ							
Fecal Coliform			X			*	X	X		X					
MF or MPN/100 ml		≤200/400 ^h	A				Α	Α		Λ					
E. Coli															
30-day Log Mean		≤126 MF/100 ml	X	X		*	X	X							
Single Value		≤235 MF/100 ml													
Color-Pt-Co Units	i					*		X							
Single Value															

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
- ^c The requirements for chlorophyll <u>a</u> are:
 - 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.
 - The mean for chlorophyll <u>a</u> 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.
 - The mean for chlorophyll <u>a</u> 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 <u>a</u> 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.
 - 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.
- 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.
- The combination of this constituent with other constituents comprising TDS must not result in the violation of the TDS standards for Lake Mead and the Colorado River.
- g Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.
- 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.
- Color must not exceed that characteristic of natural conditions by more than 10 PCU.
- ➡ The Commission recognizes that at entrances of tributaries to Lake Mead, localized violations of standards may occur.

Sec. 284. 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 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X		7	I
Aquatic Life Species of C	Concern		Wa	rm-	wate	er fis	sher	y.	<u> </u>	<u> </u>			l .
Temperature Single Value	∆ T 0°C ^b	∆T 2°C ^a			*	X							
pH Units	95% of samples not to exceed 8.8 SU	S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		≥5.0 mg/l	X		*	X	X	X		X			
Total Ammonia (as N)- mg/l	_	c			*								
Total Dissolved Solids Single Value	d	≤3,000 mg/l		X				*					
Suspended Solids Single Value	_	≤25 mg/l			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤ 5.3 mg/l	Nitrate ≤90 mg/l Nitrite ≤5 mg/l	X		X			*		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Voncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
Turbidity Single Value	e	≤25 NTU			*	X	X	X				,	
Fecal Coliform MF or MPN/100 ml		≤200/400 ^f	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.
- 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.
- Any increase in total dissolved solids must not result in a violation of the standards set forth in "1996 Review-Water Quality Standards for Salinity, Colorado River System" approved by the Commission on March 25, 1998.
- ^e Turbidity must not exceed that characteristic of natural conditions by more than 10 NTU.
- 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. 285. The limits of this table apply to the body of water known as Upper Las Vegas Wash 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 discharge from the City of Henderson wastewater treatment plant. Upper Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY

Upper Las Vegas Wash

	REQUIREMENTS	WATER QUALITY				j	Bene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern						his d			recli	ude t	he	
Temperature Single Value	∆ T 0°C ^b				*	X							
pH Units		S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		c	X		*	X	X	X		X			
Total Dissolved Solids Single Value	95% of samples ≤1,900 mg/l	≤3,000 mg/l		X						*			X
Suspended Solids Single Value	_	≤135 mg/l ^d			*		X						
Nitrogen Species													
as N	Total Inorganic Nitrogen	Nitrate ≤100 mg/l	X		X			*		X			
Single Value	95% of Samples ≤20 mg/l	Nitrite ≤10 mg/l											
Fecal Coliform MF or MPN/100 ml		e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

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

- 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.
- 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.
- 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. 286. The limits of this table apply to the body of water known as Lower Las Vegas Wash from the confluence of Las Vegas Wash with Lake Mead to Telephone Line Road.

Lower Las Vegas Wash is located in Clark County.

STANDARDS OF WATER QUALITY

Lower Las Vegas Wash

	REQUIREMENTS	WATER QUALITY				j	Bene	ficial	l Use	а			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern			ludin blishi					ot pre	clud	e the		
Temperature Single Value	∆ T 0°C ^b				*	X							
pH Units		S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
Dissolved Oxygen - mg/l		С	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				j	Bene	ficial	l Use	а			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Total Dissolved Solids Single Value	95% of samples ≤2,400 mg/l	≤3,000 mg/l		X						*			X
Suspended Solids Single Value	_	≤135 mg/l ^d			*		X						
Nitrogen Species as N Single Value	Total Inorganic Nitrogen 95% of Samples ≤17 mg/l	Nitrate ≤100 mg/l Nitrite ≤10 mg/l	X		X			*		X			
Fecal Coliform MF or MPN/100 ml		e	X			*	X	X		X			

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone except during storm flow conditions.
- 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.
- Total suspended solids standard does not apply when flows are greater than 110 percent of average flow as measured at the nearest gage. "Average flow" is defined as the 12-month rolling average of the average monthly flow.
- ^e Any discharge from a point source into the Las Vegas Wash must not exceed a log mean of 200 per 100 milliliters based on a minimum of not less than five samples taken over a 30-day period, nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 milliliters.

Sec. 287. The limits of this table apply to the body of water known as Virgin River from the Arizona-Nevada state line downstream to Mesquite. This segment of Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY

Virgin River

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X	,	,	
Aquatic Life Species of C	Concern					<u> </u>	1	<u> </u>					<u> </u>
Temperature °C-													
Maximum		$Nov - June \le 21 \text{°C}$ $July - Oct \le 32 \text{°C}$			*	X							
∆ <i>T</i> ^b	∆T= 0 °C	ΔT≤2°C											
pH Units		S.V. 6.5 - 9.0 $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					
Nitrogen Species (N) - mg/l	Total Nitrogen A -Avg. ≤ 0.9 $S.V. \leq 1.6$	Nitrate S.V. ≤90 Nitrite S.V. ≤5.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		c			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Suspended Solids - mg/l		S.V. ≤25			*								
Turbidity - NTU		d			*			X					
Color - PCU		e						*					
Total Dissolved Solids - mg/l		f	X	X				*					
Alkalinity (as CaCO ₃) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml	AGM ≤300 S.V. ≤550	AGM≤1,000 S.V.≤2,000	X	X		*	X	X		X			
E coli - No./100 ml		<i>AGM</i> ≤ 630					*	X					

^{* =} The most restrictive beneficial use.

Sec. 288. The limits of this table apply to the body of water known as Virgin River at the Arizona-Nevada state line, near Littlefield, Arizona. This segment of Virgin River is located in Clark County.

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

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

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

d Increase in turbidity must not be more than 10 NTU above natural conditions.

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

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

STANDARDS OF WATER QUALITY

Virgin River

REQUIREMENTS	WATER QUALITY				B	enef	icia	l Us	e ^a			
TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
		X	X	X	X	X	X	X	X	,	,	
ncern												
	Nov - June ≤21 °C			*	v							
	July - Oct≤32 °C				Λ							
∆ T= 0 ℃	ΔT≤2°C											
	S.V5 - 9.0	v	V	v	٠		V	v	•			
	$\Delta pH \pm 0.5 Max$.	Λ	Λ	A			A	A				
<i>A-Avg.</i> ≤ 0.6	A-Avg. ≤ 0.1			*	*	v	v					
S.V. ≤0.1						Λ	Λ					
otal Nitrogen	Nitrate S.V. ≤90											
<i>A-Avg.</i> ≤ 2.4	Nitrite S.V. ≤5.0	X		*	X	X	*		X			
S.V. ≤3.2												
	c			*								
	S.V. ≥ 5.0	X		*	X	X	X		X			
				•								
	S.V. ≤25			^								
	d			*			X					
	e						*					
	f	v	V				*					
		A	Λ									
	TO MAINTAIN EXISTING HIGHER QUALITY ACT= 0% A-Avg. ≤ 0.6 S.V. ≤ 0.1 otal Nitrogen A-Avg. ≤ 2.4	TO MAINTAIN EXISTING HIGHER QUALITY Nov - June ≤ 21 °C July - Oct ≤ 32 °C $\Delta T = 0$ °C $\Delta T = 0$ °C $\Delta T \leq 2$ °C ΔT	TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES Nov - June $\leq 21 ^{\circ}\mathbb{C}$ July - Oct $\leq 32 ^{\circ}\mathbb{C}$ $\Delta T \leq 2 ^{\circ}\mathbb{C}$ $\Delta T \leq 2 ^{\circ}\mathbb{C}$ $\Delta P + D.5 Max.$ A-Avg. ≤ 0.6 S.V. ≤ 0.1 Otal Nitrogen A-Avg. ≤ 2.4 S.V. ≤ 3.2 $\Delta S.V. \leq 3.2$ $\Delta S.V. \geq 5.0$ $\Delta S.V. \geq 5.0$ $\Delta S.V. \geq 25$ $\Delta S.V. \leq 25$ $\Delta S.V. \leq 25$	TO MAINTAIN EXISTING HIGHER QUALITY $ \begin{array}{cccccccccccccccccccccccccccccccccc$	TO MAINTAIN EXISTING HIGHER QUALITY $ \begin{array}{cccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES Nov - June $\leq 21^{\circ}\text{C}$ July - Oct $\leq 32^{\circ}\text{C}$ AT = 0 $^{\circ}\text{C}$ S.V. ≤ 0.1 otal Nitrogen A-Avg. ≤ 2.4 S.V. ≤ 3.2 S.V. ≤ 3.2 S.V. ≤ 3.2 S.V. ≤ 25 A WATER QUALITY STANDARDS FOR BENEFICIAL USES SENEFICIAL USES SENEFICIAL USES SENEFICIAL USES * * * X X X X X X X X X X	WATER QUALITY STANDARDS FOR BENEFICIAL USES $X \times X \times$	WATER QUALITY STANDARDS FOR BENEFICIAL USES $ \begin{array}{cccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES $ \begin{array}{cccccccccccccccccccccccccccccccccc$	WATER QUALITY STANDARDS FOR BENEFICIAL USES $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l		conditions								Λ			
Fecal Coliform - No./100	AGM ≤450 S.V. ≤1,800	$AGM \le 1,000$ $S.V. \le 2,000$	X	X		*	X	X		X			
E coli - No./100 ml		<i>AGM</i> ≤630					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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. 289. The limits of this table apply to the body of water known as Virgin River from Mesquite downstream to the river mouth at Lake Mead. This segment of Virgin River is located in Clark County.

STANDARDS OF WATER QUALITY

Virgin River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern			l	l	<u> </u>	<u> </u>	<u> </u>	<u> </u>	l	l		
Temperature C -													
Maximum		Nov - June ≤21 °C			*								
		July - Oct ≤32 °C			*	X							
∆ <i>T</i> ^b	∆T= 0 °C	ΔT ≤ 2 °C											
pH Units		S.V5 - 9.0	v	v	v	*		X	X	*			
		$\Delta pH \pm 0.5 Max$.	X	X	X			Λ	A				
Total Phosphates		A-Avg. ≤ 0.1			*	*	X	X					
(as P) - mg/l							Λ	Λ					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤90											
(N) - mg/l	<i>A-Avg.</i> ≤ 2.9	Nitrite S.V. ≤ 5.0	X		*	X	X	*		X			
	S.V. ≤ 6.1												
Total Ammonia		c			*								
(as N) - mg/l													
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Suspended		S.V. ≤25			*								
Solids - mg/l													
Turbidity - NTU		d			*			X					
Color - PCU		e						*					
Total Dissolved Solids -		f	X	X				*					
mg/l		•	A	A									
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l		conditions								A			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Fecal Coliform - No./100 ml	AGM≤625 S.V.≤1,800	AGM≤1,000 S.V.≤2,000	X	X		*	X	X		X			
E coli - No./100 ml		<i>AGM</i> ≤ 630					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- The salinity standard for the Colorado River System is specified in NAC 445A.143.

Sec. 290. The limits of this table apply to the body of water known as Muddy River from the river source downstream to Glendale Bridge. This segment of Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY

Muddy River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	Irrigation	Aquatic	Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern			I		I	I	I	I				
Temperature °C-													
Maximum		Nov - June ≤21 °C			*								
		<i>July - Oct ≤ 32 ℃</i>			*	X							
∆ <i>T</i> ^b	∆ T= 0 ℃	ΔT≤2°C											
pH Units		S.V. 6.5 - 9.0	v	v	v	*		v	v	*			
		$\Delta pH \pm 0.5 Max$.	X	X	X	*		X	X	*			
Total Phosphates		<i>A-Avg.</i> ≤ 0.1			*	*	X	X					
(as P) - mg/l							A	Λ					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤10											
(N) - mg/l	<i>A-Avg.</i> ≤ 1.3	Nitrite S.V. ≤ 1.0	X		*	X	X	*		X			
	S.V. ≤1.4												
Total Ammonia		c			*								
(as N) - mg/l													
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		ď			*			X					
Color - PCU		e						*					
Total Dissolved Solids -		f	X	X				*					
mg/l			Λ	Λ									
Alkalinity		< 25% change from natural			*					v			
(as CaCO ₃) - mg/l		conditions			,					X			
Fecal Coliform -		AGM≤1,000	X	X		*	X	X		X			
No./100 ml		S.V. ≤2,000	Λ	A			A	Λ		Λ			

	REQUIREMENTS	WATER QUALITY				B	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	4quatic	Contact	Noncontact	Municipal	Industrial	Wildlife	4esthetic	Enhance	Marsh
E coli - No./100 ml		<i>AGM</i> ≤ <i>630</i>					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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 Muddy River from the Glendale Bridge downstream to the river mouth at Lake Mead. This segment of Muddy River is located in Clark County.

STANDARDS OF WATER QUALITY

Muddy River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern												

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C-								7					
Maximum ∆T ^b	∆ T= 0 °C	Nov - June ≤ 21 $^{\circ}$ C July - Oct ≤ 32 $^{\circ}$ C $^{\Delta}T$ ≤ 2 $^{\circ}$ C			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	X	*		X	X	*			
		$\Delta pH \pm 0.5 Max$.	Λ	Λ	Λ			Λ	Λ				
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.3			*	*	X	X					
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤90											
(N) - mg/l	$A-Avg. \le 1.3$ $S.V. \le 1.8$	Nitrite S.V. ≤5.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		c			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		d			*			X					
Color - PCU		e						*					
Total Dissolved Solids - mg/l		f	X	X				*					
Alkalinity		< 25% change from natural			*					X			
(as CaCO ₃) - mg/l		conditions								Λ			
Fecal Coliform - No./100 ml	AGM≤500 S.V.≤1,300	$AGM \le 1,000$ $S.V. \le 2,000$	X	X		*	X	X		X			
E coli - No./100 ml		AGM ≤ 630					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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 Meadow Valley Wash from the bridge above Rox downstream to Muddy River. Meadow Valley Wash is located in Clark County.

STANDARDS OF WATER QUALITY

Meadow Valley Wash

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal		X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern												
Temperature °C-													
Maximum		Nov - June ≤ 21 °C July - Oct ≤ 32 °C			*	X							
∆ T ^b	$\Delta T = \theta {}^{\circ}\!C$	$\Delta T \leq 2 ^{\circ}C$											
pH Units		$S.V. 6.5 - 9.0$ $\Delta pH \pm 0.5 Max.$	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l		A-Avg. ≤ 0.1			*	*	X	X					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Nitrogen Species	Total Nitrogen	Nitrate S.V. ≤90											
(N) - mg/l	$A-Avg. \le 2.0$ $S.V. \le 3.3$	Nitrite S.V. ≤5.0	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		c			*								
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Turbidity - NTU		d			*			X					
Color - PCU		e						*					
Total Dissolved Solids - mg/l		f	X	X				*					
Alkalinity (as CaCO ₃) - mg/l		< 25% change from natural conditions			*					X			
Fecal Coliform - No./100 ml		AGM≤1,000 S.V.≤2,000	X	X		*	X	X		X			
E coli - No./100 ml		AGM ≤ 630					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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 Beaver Dam Wash above Schroeder Reservoir. Beaver Dam Wash is located in Lincoln County.

STANDARDS OF WATER QUALITY

Beaver Dam Wash

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses.			X	X								,	
Aquatic Life Species of (Concern				<u>I</u>	<u> </u>	<u>I</u>	<u> </u>	<u> </u>	<u>I</u>	<u>I</u>	<u>I</u>	
Temperature C -													
Maximum		Nov - April ≤13 °C May - June ≤17 °C			*	X							
∆ <i>T</i> ^b	ΔT= 0 °C	July - $Oct \le 23 ^{\circ}C$ $\Delta T \le 2 ^{\circ}C$											
pH Units		S.V. 6.5 - 9.0 ΔpH ± 0.5 Max.	X	X	X	*		X	X	*			
Total Phosphates (as P) - mg/l	$A-Avg. \le 0.01$ $S.V. \le 0.013$	A-Avg. : ≤0.5			*	*	X	X					
Nitrogen Species (N) - mg/l	Nitrate S.V. ≤0.22	Nitrate S.V. ≤10 Nitrite S.V. ≤0.06	X		*	X	X	*		X			
Total Ammonia (as N) - mg/l		c			*								

	REQUIREMENTS	WATER QUALITY				В	enej	icia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Dissolved Oxygen - mg/l		S.V. Nov - May ≥ 6.0 June - Oct ≥ 5.0	X		*	X	X	X		X	,		
Suspended Solids - mg/l		S.V. ≤25			*								
Turbidity - NTU		S.V. ≤10			*			X					
Color - PCU		ď						*					
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		≤200/400 ^f	X	X		*	X	X		X			
E coli - No./100 ml		AGM≤630					*	X					

^{* =} The most restrictive beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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.
- 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. 294. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER	STANDARDS FOR BENEFICIAL USES	tock	ntion	tic	act	ontact	icipal	strial	ife	etic	ınce	h
	QUALITY		Livestock	X Irrigation	Aquatic	X Contact	X Noncontact	Municipa	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern		Tro	ut.	ı		ı						
Temperature °C		S.V. ≤20			*	X							
ΔT^{b}		0				A							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous		S.V. ≤ 0.33			*	*	X	X					
(as P) - mg/l		5.7. 20.00					A	A					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia		c			*								
(as N) - mg/l													
Total Dissolved Solids -		S.V. ≤500 or the											
mg/l		95th percentile	X	X				*					
		(whichever is											
		less).											
E coli - No./100 ml		<i>AGM</i> ≤126				*	X						
		S.V. ≤410					^						
Fecal Coliform -		d	X	X		*	X	X		X			
No./100 ml													

* = The most restrictive beneficial use.

X = Beneficial use.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 295. The limits of this table apply to the body of water known as White River from its origin to the national forest boundary. This segment of White River is located in White Pine County.

STANDARDS OF WATER QUALITY

White River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses	·		X	X	X	X		X		X			
Aquatic Life Species of	Concern				l	l	1	1	l	<u>I</u>	<u>I</u>	<u>I</u>	
Temperature °C		S.V. ≤20			*	X							
∆ <i>T</i> ^b		0				<i>A</i>							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X		*			
Total Phosphorous		S.V. ≤ 0.10			*	*	X	X					

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact		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			*								
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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 296. The limits of this table apply to the body of water known as White River from the national forest boundary to its confluence with Ellison Creek. This segment of White River is located in White Pine County.

STANDARDS OF WATER QUALITY

White River

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			7
Aquatic Life Species of C	oncern		Tro	ut.									
Temperature °C		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

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

- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 297. 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

	REQUIREMENTS	WATER QUALITY				В	ene	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern					1	1	1	1	1			
Temperature °C		S.V. ≤24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 298. The limits of this table apply to Sunnyside Creek from its origin to the Adams McGill Reservoir. Sunnyside Creek is located in Nye County.

STANDARDS OF WATER QUALITY

Sunnyside Creek

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern												
Temperature °C ΔT ^b		S.V. ≤24 0			*	X							

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

Sec. 299. 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.

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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.

STANDARDS OF WATER QUALITY

Adams McGill Reservoir

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern				I			I					
Temperature °C		S.V. ≤24 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or 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.

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 Hay Meadow Reservoir. Hay Meadow Reservoir is located in Nye County.

STANDARDS OF WATER QUALITY

Hay Meadow Reservoir

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	se ^a			
PARAMETER Range Grief Hage	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	X Livestock	X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	Nitdlife X	Aesthetic	Enhance	Marsh
Beneficial Uses					Λ	A	A	A	A	A			
Aquatic Life Species of C	oncern		Tro	ut.									
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is	X	X				*					
		less).											

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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 the entire body of water known as Nesbitt Lake.

Nesbitt Lake is located in Lincoln County.

STANDARDS OF WATER QUALITY

Nesbitt Lake

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	ie ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern						•	•	•				

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤34											
∆ T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 302. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	Concern				l	l	1	1	l	l	l		l
Temperature °C ΔT ^b		S.V. ≤34 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM ≤ 126 S.V. ≤ 298				*	X						

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 303. 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

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of	Concern						1	1	1	1			

	REQUIREMENTS	WATER QUALITY				В	enej	ficia	l Us	e ^a			
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Temperature °C		S.V. ≤34			*								
∆T ^b		0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 5.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must 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:
 - 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 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 304. 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	WATER QUALITY			Beneficial Use ^a									
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	Livestock	Irrigation	Aquatic	X Contact	X Noncontact	Municipal	X Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Beneficial Uses			X	X	X	X	X	X	X	X				
Aquatic Life Species of Concern		Trout.												
Temperature °C		S.V. ≤20 0			*	X								
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*				
Total Phosphorous (as P) - mg/l		S.V. ≤0.1			*	*	X	X						
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X				
Total Ammonia (as N) - mg/l		с			*									
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							

PARAMETER	REQUIREMENTS	WATER QUALITY	Beneficial Use ^a												
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 305. 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

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

PARAMETER	REQUIREMENTS	WATER QUALITY	ATER QUALITY Beneficial Use ^a										
	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR	Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*		,	
Total Phosphorous (as P) - mg/l		S.V. ≤0.33			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		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.

- ^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- 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.
 - ² The 95th percentile of the annual geometric mean and/or the 95th percentile of a single sample of fecal coliform concentration.

Sec. 306. 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

	REQUIREMENTS	ENTS WATER QUALITY			Beneficial Use ^a								
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES		Irrigation	Aquatic	X Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
Beneficial Uses			X	X	X	X	X	X	X	X			
Aquatic Life Species of C	oncern		Tro	ut.	l	l	l		l	l			
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		c			*								
Total Dissolved Solids - mg/l		S.V. ≤500 or the 95th percentile (whichever is less).	X	X				*					
E coli - No./100 ml		AGM≤126 S.V. ≤410				*	X						

	REQUIREMENTS	WATER QUALITY		Beneficial Use ^a									
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES	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 279 of this regulation for beneficial use terminology.
- Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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. 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

	REQUIREMENTS	WATER QUALITY STANDARDS FOR BENEFICIAL USES			Beneficial Use ^a								
PARAMETER Beneficial Uses	TO MAINTAIN EXISTING HIGHER QUALITY			X Irrigation	X Aquatic	X Contact	X Noncontact	X Municipal	X Industrial	X Wildlife	Aesthetic	Enhance	Marsh
Aquatic Life Species of	Concern		Tro	ut.									
Temperature °C ΔT ^b		S.V. ≤20 0			*	X							

	REQUIREMENTS	WATER QUALITY			Beneficial Use ^a								
PARAMETER	TO MAINTAIN EXISTING HIGHER QUALITY	STANDARDS FOR BENEFICIAL USES		Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh
pH Units		S.V. 6.5 - 9.0	X	X	*	*	X	X	X	*			
Total Phosphorous (as P) - mg/l		S.V. ≤0.1			*	*	X	X					
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X		X			
Total Ammonia (as N) - mg/l		с			*								
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.

Sec. 308. There are no designated waters in the Death Valley Region.

Sec. 309. NAC 445A.11704 is hereby amended to read as follows:

^a Refer to NAC 445A.122 and section 279 of this regulation for beneficial use terminology.

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

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

Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 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.

445A.11704 As used in NAC 445A.11704 to [445A.225,] 445A.145, inclusive, and sections 2 to 308, 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. 310. NAC 445A.120 is hereby amended to read as follows:

445A.120 1. NAC 445A.120 to [445A.225,] 445A.145, inclusive, and sections 2 to 308, 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.145, inclusive, and sections 2 to 308, inclusive, of this regulation, relate to the condition of waters as affected by discharges relating to the activities of man.

Sec. 311. NAC 445A.123 is hereby amended to read as follows:

445A.123 1. Stream standards and classifications in NAC 445A.123 [to 445A.127,] and sections 2 to 308, inclusive, of this regulation, 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,] and sections 2 to 308, inclusive, of this regulation, upon a request for a permit to discharge into that body of water.

Sec. 312. NAC 445A.144 is hereby amended to read as follows:

445A.144 Except as otherwise provided in this section, the following standards for toxic materials are applicable to the waters specified in NAC 445A.123 [to 445A.127, inclusive, and 445A.145 to 445A.225, inclusive.] and 445A.145 and sections 2 to 308, inclusive, of this regulation. If the standards are exceeded at a site and are not economically controllable, the Commission will review and adjust the standards for the site.

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	(µg/l)	$(\mu g/l)$	(µg/l)
Antimony	146 ^a	-	-	-
Arsenic	50 ^b	-	100°	$200^{\rm d}$
Arsenic (III)	-	-	-	-
1-hour average	-	342 ^{a,g}	-	-
96-hour average	-	$180^{\mathrm{a,g}}$	-	-
Barium	$2,000^{b}$	-	-	-
Beryllium	0^a	-	100°	-
hardness <75 mg/l	-	-	-	-
hardness >= 75 mg/l	-	-	-	-
Boron	-	-	750 ^a	$5,000^{d}$
Cadmium	5 ^b	-	10 ^d	50 ^d
1-hour average	-	0.85exp{1.128 ln(H)-3.828} ^{a,g}	-	-

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	(μg/l)	$(\mu g/l)$	$(\mu g/l)$
96-hour average	-	0.85exp{0.7852 ln(H)-3.490} ^{a,g}	-	-
Chromium (total)	100 ^b	-	100 ^d	1,000 ^d
Chromium (VI)	-	-	-	-
1-hour average	-	15 ^{a,g}	-	-
96-hour average	-	$10^{a,g}$	-	-
Chromium (III)	-	-	-	-
1-hour average	-	0.85exp{0.8190 ln(H)+3.688} ^{a,g}	-	-
96-hour average	-	0.85exp{0.8190 ln(H)+1.561} ^{a,g}	-	-
Copper	-	-	$200^{\rm d}$	500 ^d
1-hour average	-	0.85exp{0.9422 ln(H)-1.464} ^{a,g}	-	-
96-hour average	-	0.85exp{0.8545 ln(H)-1.465} ^{a,g}	-	-
Cyanide	200^{a}	-	-	-
1-hour average	-	22ª	-	-
96-hour average	-	5.2 ^a	-	-
Fluoride	-	-	1,000 ^d	$2,000^{d}$
Iron	-	1,000 ^a	5,000 ^d	-
Lead	50 ^{a,b}	-	5,000 ^d	100 ^d
1-hour average	-	0.50exp{1.273 ln(H)-1.460} ^{a,g}	-	-
96-hour average	-	0.25exp{1.273 ln(H)-4.705} ^{a,g}	-	-
Manganese	-	-	200^{d}	-
Mercury	2^{b}	-	-	10 ^d
1-hour average	-	2.0 ^{a,g}	-	-
96-hour average	-	0.012 ^a	-	-
Molybdenum	-	19 ^e	-	-

--510--LCB Draft of Proposed Regulation R160-06

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	$(\mu g/l)$	$(\mu g/l)$	$(\mu g/l)$
Nickel	13.4 ^a	-	200^{d}	-
1-hour average	-	0.85exp{0.8460 ln(H)+3.3612} ^{a,g}	-	-
96-hour average	-	0.85exp{0.8460 ln(H)+1.1645} ^{a,g}	-	-
Selenium	50 ^b	-	$20^{\rm d}$	50 ^d
1-hour average	-	20^{a}	-	-
96-hour average	-	5.0 ^a	-	-
Silver	-	0.85exp{1.72 ln(H)-6.52} ^{a,g}	-	-
Sulfide				
undissociated hydrogen				
sulfide	-	2 ^a	-	-
Thallium	13 ^a	-	-	-
Zinc	-	-	$2,000^{d}$	25,000 ^d
1-hour average	-	0.85exp{0.8473 ln(H)+0.8604} ^{a,g}	-	-
96-hour average	-	0.85exp{0.8473 ln(H)+0.7614} ^{a,g}	-	-
Acrolein	320 ^a	-	-	-
Aldrin	0^a	3^a	-	-
Chlordane	0^a	2.4ª	-	-
24-hour average	-	0.0043 ^a	-	-
2,4-D	$100^{a,b}$	-	-	-
DDT & metabolites	0^a	1.1ª	-	-
24-hour average	-	0.0010^{a}	-	-
Demeton	-	0.1 ^a	-	-
Dieldrin	0^a	2.5 ^a	-	-
24-hour average	-	0.0019^{a}	-	-

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	(µg/l)	$(\mu g/l)$	$(\mu g/l)$
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	-	-	-
Monochlorobenzene	488 ^a	-	-	-
m-dichlorobenzene	400^{a}	-	-	-
o-dichlorobenzene	400^{a}	-	-	-
p-dichlorobenzene	75 ^b	-	-	-

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	(µg/l)	$(\mu g/l)$	$(\mu g/l)$
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	2 ^b	-	-	-
(vinyl chloride)				
1,1-dichloroethylene	7 ^b	-	-	-
Trichloroethylene (TCE)	5 ^b	-	-	-
Hexachlorocyclopentadiene	206ª	-	-	-
Isophorone	5,200 ^a	-	-	-
Trihalomethanes (total) ^f	100 ^b	-	-	-
Tetrachloromethane	5 ^b	-	-	-
(carbon tetrachloride)				
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	-	-	-
Dimethyl phthalate	313,000 ^a	-	-	-

	Municipal or			Watering of
Chemical	Domestic Supply	Aquatic Life	Irrigation	Livestock
	$(\mu g/l)$	(µg/l)	$(\mu g/l)$	$(\mu g/l)$
Di-2-ethylhexyl phthalate	15,000 ^a	-	-	-
Polychlorinated biphenyls				
(PCBs)	0^{a}	-	-	-
24-hour average	-	0.014 ^a	-	-
Fluoranthene	42ª	-	-	-
(polynuclear aromatic				
hydrocarbon)				
Dichloropropenes	87ª	-	-	-
Toluene	14,300 ^a	-	-	-

Footnotes and References

- (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) Hardness (H) is expressed as mg/1 CaCO₃.
- (3) 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 will be deemed to show compliance with the standard unless other information indicates that the substance may be present.
- (4) 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.
- (5) The standards for metals are expressed as total recoverable, unless otherwise noted.
- 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.
- **Sec. 313.** 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

 Hand sections 2 to 308, inclusive, of this regulation.
- 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 [...] and sections 2 to 308, inclusive, of this regulation.
- 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 308, inclusive, of this regulation, prescribe numerical standards for water quality and designate beneficial uses at particular control points.
- **Sec. 314.** NAC 445A.11728, 445A.11732, 445A.11764, 445A.11772, 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.11764 "SU" defined. (NRS 445A.425, 445A.520) "SU" means standard pH units.

445A.11772 "Trout water" defined. (NRS 445A.425, 445A.520) "Trout water" means a reach of water that the Commission determines is suitable as a habitat for trout.

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
	Non-additional lands and a second a second and a second a
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	None.
substances, colored or other wastes.	
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.

Item	Specifications
D: 1 1	560 //
Dissolved oxygen.	≥6.0 mg/l.
Temperature:	
Maximum.	≤20°C.
ΔT .	=0°C.
Fecal coliform (No./100ml).	<200/400.a
Total phosphorus (as P):	
In any stream at the point where it enters a	
reservoir or lake.	≤0.05 mg/l.
In any reservoir or lake.	≤0.025 mg/l.
In a stream or other flowing water.	≤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			
	Γ	1	
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	НА	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.	

	Ι	OOUGI	LAS COUNTY
Water	HR	НА	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	НА	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.	

		ELK	O COUNTY
Water	HR	НА	Description of Area Classified
water	пк	ПА	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	4	44	From its origin to the national forest boundary.
Independence Mountain			
Range			
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	НА	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.	

		EUREI	KA COUNTY
Water	HR	НА	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	НА	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	НА	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	НА	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	НА	Description of Area Classified	

MINERAL COUNTY				
Water	HR	НА	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	НА	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.

	P	ERSH	ING COUNTY
Water	HR	НА	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	НА	Description of Area Classified	
water			Description of Area Classifica	
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	НА	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.	

	W	HITE I	PINE COUNTY
Water	HR	НА	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.

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WHITE PINE COUNTY				
Water	HR	НА	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	Only such amounts attributable to man's
deposits.	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,	Only such amounts as will not render the
colored or other wastes, or heated or	receiving waters injurious to fish or
cooled liquids.	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	≥6.0 mg/l.
All other waters.	≥5.0 mg/l.
Temperature:	
Maximum:	
Trout waters.a	≤20°C.
All other waters.	≤24°C.
ΔΤ.	=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:

		CA	RSON CITY
Water	HR	НА	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.

		ELK	O COUNTY
Water	HR	НА	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.

		ELK	O COUNTY
Water	HR	НА	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)	4	44	From the national forest boundary to its
(T)			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)	4	46,	From Lee to its confluence with the Humboldt
(T)		48,	River.
		49	
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.

		ELK	O COUNTY
Water	HR	НА	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)	3	40	From the national forest boundary to its
(N. Fork)			confluence with the south fork of Salmon Falls
			Creek.
Salmon Falls Creek (T)	3	40	From the national forest boundary to its
(S. Fork)			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.

		ELK	O COUNTY
Water	HR	НА	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.

		EURE	KA COUNTY
Water	HR	НА	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.

	Н	UMBO	OLDT COUNTY
Water	HR	НА	Description of Area Classified

HUMBOLDT COUNTY				
Water	HR	НА	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	4	67	From the national forest boundary to its	
(N. Fork)			confluence with the south fork of the Little	
			Humboldt River.	
Little Humboldt River	4	67	From the Elko-Humboldt county line to its	
(S. Fork)			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.	

		LAND	ER COUNTY
Water	HR	НА	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	10	131	The entire reservoir.
(T)			

LINCOLN COUNTY

Water	HR	НА	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.

		NYI	E COUNTY
Water	HR	НА	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	НА	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)	6	89	The entire system.
tributaries			
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.

	V	VHITE :	PINE COUNTY
Water	HR	НА	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:

Specifications
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.
None which are not effectively treated to the
satisfaction of the Department.
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.
6.5 to 9.0 SU.
≥ 6.0 mg/l.
≥ 5.0 mg/l.
≤ 20°C.
≤ 34°C.
= 3°C.

Item	Specifications
Fecal coliform (No./100ml).	The more stringent of the following apply: $ \leq 1000/2400.^{b} $ $ \leq 200/400.^{c} $ $ \leq 200/400.^{d} $
Total phosphorus (as P).	≤ 0.33 mg/l.
Total dissolved solids.	\(\leq 500 \text{ mg/l or one-third above that} \) \(\text{characteristic of natural conditions} \) \((\text{whichever is less}). \)

- 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 CO	UNTY	

Water	HR	НА	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	8	101	The entire reservoir.
known as S-Line			
Reservoir			
South Carson Lake, also	8	101	The entire lake.
known as Government			
Pasture and the Greenhead			
Gun Club			
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	НА	Description of Area Classified		
Bowman Reservoir	13	220	The entire reservoir.		

ELKO COUNTY					
Water	HR	НА	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,	Below Squaw Valley Ranch.		
		62,			
		63			

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

EUREKA COUNTY					
Water	HR	НА	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,	Below Squaw Valley Ranch.		
		63			

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

LANDER COUNTY	

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

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	НА	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	НА	Description of Area Classified	
Weber Reservoir	9	110	Entire reservoir.	

PERSHING COUNTY				
Water	HR	НА	Description of Area Classified	
Humboldt River	4	73	From Woolsey to Rodgers Dam.	

STOREY COUNTY				
Water	HR	НА	Description of Area Classified	
Tracy Pond	6	83	The entire area.	

WASHOE COUNTY				
Water	HR	НА	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,	From Little Washoe Lake to gaging station	
		88,	number 10-349300, located in the S 1/2 of	
		89	section 33, T. 18 N., R. 20 E., M.D.B. & M.	
Washoe Lakes	6	89	The entire lakes.	

WHITE PINE COUNTY				
Water	HR	НА	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	Only such amounts attributable to the activities
deposits.	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,	Only such amounts as will not impair the
colored or other wastes or heated or cooled	receiving waters for any beneficial use
liquid.	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	НА	Description of Area Classified	
Stillwater Marsh	8	101	All that area of Stillwater Marsh not designated as class C.	

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

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

WASHOE COUNTY				
Water	HR	НА	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	НА	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)

STANDARDS OF WATER QUALITY

Carson River

control point at the West Fork at the state line. The limits of this table apply only to the West Fork at the state line.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
			DENECICIAI
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMay : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		June _: ≤17°C	the water.
		^{July} : ≤21°C	
		AugOct. : ≤22°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.4 - 8.4		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg. : ≤.016	A-Avg. : ≤0.10	Aquatic life,b recreation involving contact with
(as P) - mg/l	S.V. : ≤.033		water,b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	A-Avg. : ≤0.4	Nitrate S.V.: ≤10	Aquatic life, ^b municipal or domestic supply, ^b
(N) - mg/l	S.V. : ≤0.5	Nitrite S.V. : ≤.06	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			

		S.V.:	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥5.0	water, propagation of wildlife, watering of livestock,
Oxygen - mg/l	_	JunOct. : ≥6.0	municipal or domestic supply and recreation not
			involving contact with the water.
Suspended	A-Avg. : ≤15		Aquatic life. ^b
Solids - mg/l	_	S.V. : ≤25	
Turbidity - NTU	A-Avg. : ≤3		Aquatic life ^b and municipal or domestic supply.
	S.V. ; ≤5	S.V. : ≤10	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg. : ≤70	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. _{: ≤95}		watering of livestock.
Chlorides - mg/l	A-Avg. : ≤3		Municipal or domestic supply, b propagation of
	S.V. : ≤5	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	_		Municipal or domestic supply. ^b
	S.V. ; ≤4	S.V. : ≤250	
Sodium - SAR	A-Avg. : ≤1	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤105		Recreation involving contact with the water, ^b
No./100ml	_	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMay : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		June : ≤17°C	the water.
		July :≤21°C	
		AugOct. : ≤22°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	_		Recreation involving contact with the water, ^b
	_	S.V. : 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphates	A-Avg. : ≤.036	A-Avg. : ≤0.10	Aquatic life, b recreation involving contact with the
(as P) - mg/l	S.V. : ≤.05		water, ^b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	A-Avg. : ≤0.6	Nitrate S.V. :≤10	Aquatic life, municipal or domestic supply,
(N) - mg/l	S.V. : ≤1.0	Nitrite S.V. :≤.06	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			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_	S.V. :≤25	Aquatic life. ^b
Solids - mg/l	_		
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	A-Avg. : ≤375	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤420		watering of livestock.
Chlorides - mg/l	A-Avg. : ≤6	S.V. : ≤250	Municipal or domestic supply, b propagation of
	S.V. : ≤7		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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤50		Recreation involving contact with the water, ^b
No./100ml	S.V. :≤90	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMay : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		June : ≤17°C	the water.
		July :≤21°C	
		AugOct. : ≤22°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	_		Recreation involving contact with the water, ^b
	_	S.V. : 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg. : ≤.03	A-Avg. : ≤0.10	Aquatic life, b recreation involving contact with the
(as P) - mg/l	S.V. : ≤.065		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total		Aquatic life, ^b municipal or domestic supply, ^b
(N) - mg/l	Nitrogen : ≤0.5	Nitrate S.V. :≤10	recreation involving contact with the water,
	A-Avg. : ≤1.1	Nitrite S.V. : ≤.06	watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
ļ	.	ļ	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
DADAMETED			
PARAMETER	QUALITY	BENEFICIAL USES	USES
Suspended	_	S.V. : ≤25	Aquatic life. ^b
Solids - mg/l	_		
Turbidity - NTU	A-Avg. : ≤5		Aquatic life ^b and municipal or domestic supply.
	S.V. : ≤8	S.V. :≤10	
Color - PCU	d	S.V. :≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg. : ≤145	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤185		watering of livestock.
Chlorides - mg/l	A-Avg. : ≤3	S.V. : ≤250	Municipal or domestic supply, ^b propagation of
	S.V. : ≤5		wildlife, irrigation and watering of livestock.
Sulfate - mg/l	_	S.V. : ≤250	Municipal or domestic supply. ^b
	S.V. :≤3		
Sodium - SAR	A-Avg. : ≤2	A-Avg. :≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤40		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤60	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMay : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		June _{: ≤1} 7°C	the water.
		July : ≤21°C	
		AugOct. : ≤22°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.5 - 8.6		Recreation involving contact with the water, ^b
	_	S.V. : 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphates	_	A-Avg. : ≤0.10	Aquatic life, b recreation involving contact with the
(as P) - mg/l	_		water, ^b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total		Aquatic life, municipal or domestic supply,
(N) - mg/l	Nitrogen : ≤0.4	Nitrate S.V. : ≤10	recreation involving contact with the water,
	A-Avg. : ≤0.5	Nitrite S.V. : ≤.06	watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	NovMay : ≥5.0	livestock, municipal or domestic supply and
		JunOct.	recreation not involving contact with the water.
Suspended	_	S.V. : ≤80	Aquatic life. ^b
Solids - mg/l	_		
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	A-Avg. : ≤120	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤175		watering of livestock.
Chlorides - mg/l	A-Avg. : ≤6		Municipal or domestic supply, ^b propagation of
	S.V. :≤10	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	_		Municipal or domestic supply. ^b
	_	S.V. : ≤250	
Sodium - SAR	A-Avg. : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤20		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤85	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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).

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMay : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		June _: ≤17°C	the water.
		July : ≤21°C	
		AugOct. : ≤22°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.4 - 8.7		Recreation involving contact with the water, ^b
	_	S.V. : 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	_		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen	Nitrate S.V. : ≤10	Aquatic life, ^b municipal or domestic supply, ^b
(N) - mg/l	A- : ≤0.5	Nitrite S.V. : ≤.06	recreation involving contact with the water,
	Avg. : ≤0.8		watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
	1	I	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Suspended	_		Aquatic life. ^b
Solids - mg/l	_	S.V. : ≤80	
Turbidity - NTU	_		Aquatic life ^b and municipal or domestic supply.
	_	S.V. : ≤10	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A- : ≤180	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	Avg. : ≤205		watering of livestock.
	S.V.		
Chlorides - mg/l	A- : ≤8		Municipal or domestic supply, propagation of
	Avg. : ≤10	S.V. : ≤250	wildlife, irrigation and watering of livestock.
	S.V.		
Sulfate - mg/l	_		Municipal or domestic supply. ^b
	_	S.V. : ≤250	
Sodium - SAR	A- : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	Avg.		
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤50		Recreation involving contact with the water, ^b
No./100ml	_	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-June : ≤17°C	the water.
		JulOct. : ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.4 - 8.5		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphates	_	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	_		water, ^b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen		Aquatic life, ^b municipal or domestic supply, ^b
(N) - mg/l	A-Avg : ≤0.8	Nitrate S.V. : ≤10	recreation involving contact with the water,
	S.V. : ≤1.3	Nitrite S.V. : ≤.06	watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	е	Aquatic life. ^b
as (N) - mg/l			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovApr. : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	May-Oct. :≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_		Aquatic life. ^b
Solids - mg/l	_	S.V. : ≤80	
Turbidity - NTU	_		Aquatic life ^b and municipal or domestic supply.
	_	S.V. : ≤10	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg : ≤165	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤220		watering of livestock.
Chlorides - mg/l	A-Avg : ≤8		Municipal or domestic supply, ^b propagation of
	S.V. :≤12	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	_		Municipal or domestic supply. ^b
	_	S.V. : ≤250	
Sodium - SAR	A-Avg : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO3) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤180		Recreation involving contact with the water, ^b
No./100ml		≤200/400c	recreation not involving contact with the water,
	_		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E Coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-June : ≤17°C	the water.
		JulOct. : ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.5 - 8.4		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	_		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen	Nitrate S.V. : ≤10	Aquatic life, ^b municipal or domestic supply, ^b
(N) - mg/l	A-Avg : ≤.85	Nitrite S.V. : ≤.06	recreation involving contact with the water,
	S.V. : ≤1.2		watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V. :	Aquatic life, ^b recreation involving contact with the
Dissolved	_	NovApr. : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	May-Oct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
			DENEELCHAL
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Suspended	_		Aquatic life. ^b
Solids - mg/l	_	S.V. ; ≤80	
Turbidity - NTU	_		Aquatic life ^b and municipal or domestic supply.
	_	S.V. ;≤10	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg : ≤180	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤230		watering of livestock.
Chlorides - mg/l	A-Avg : ≤8		Municipal or domestic supply, b propagation of
	S.V. :≤15	S.V. ; ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l			Municipal or domestic supply. ^b
	_	S.V. ; ≤250	
Sodium - SAR	A-Avg : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water, ^b
No./100ml	_	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May- : ≤17°C	the water.
		June : ≤23°C	
ΔT^a	$\Delta T = 0$ °C	Jul	
		Oct.	
		ΔT ≤2°C	
pH Units	7.4 - 8.5		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphates	_	A-Avg. : ≤0.10	Aquatic life, b recreation involving contact with the
(as P) - mg/l	_		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen		Aquatic life, b municipal or domestic supply, b
(N) - mg/l	A- :≤0.8	Nitrate S.V. : ≤10	recreation involving contact with the water,
	Avg. : ≤1.3	Nitrite S.V. : ≤.06	watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovApr. : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	May-Oct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_		Aquatic life. ^b
Solids - mg/l	_	S.V. :≤80	
Turbidity - NTU	_		Aquatic life ^b and municipal or domestic supply.
	_	S.V. :≤10	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A- : ≤285	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	Avg. : ≤360		watering of livestock.
	S.V.		
Chlorides - mg/l	A- :≤17		Municipal or domestic supply, ^b propagation of
	Avg. : ≤23	S.V. : ≤250	wildlife, irrigation and watering of livestock.
	S.V.		
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Sulfate - mg/l	A- : ≤24		Municipal or domestic supply. ^b
	Avg. : ≤100	S.V. : ≤250	
	S.V.		
Sodium - SAR	A- : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	Avg.		
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤110		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤295	≤200/400c	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.155 Carson River near New Empire. (NRS 445A.425, 445A.520)

STANDARDS OF WATER QUALITY

Carson River

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

	REQUIREMEN	WATER		
	TS	QUALIT	Y	
	TO MAINTAIN	STANDARDS		
	EXISTING	FOR		
	HIGHER	BENEFICIAL		BENEFICIAL
PARAMETER	QUALITY	USES		USES
Temperature °C-		Nov	:≤18°C	Aquatic lifeb and recreation involving
Maximum		May	: ≤23°C	contact with the water.
		Jun.O		
ΔΤα	$\Delta T = 0$ °C	ct.		
		ΔT ≤2°C		
pH Units	7.4 - 8.4			Recreation involving contact with the
	_	S.V.	: 6.5 -	water,b propagation of wildlife,b
		ΔрΗ	9.0	aquatic life, irrigation, watering of
			: ±0.5	livestock, municipal or domestic
			Max.	supply and industrial supply.

Total	_	A-	: ≤0.10	Aquatic life,b recreation involving
Phosphates	_	Avg.		contact with the water,b municipal or
(as P) - mg/l				domestic supply and recreation not
				involving contact with the water.
Nitrogen	Total Nitrogen	Nitrat	:≤10	Aquatic life,b municipal or domestic
Species	: ≤1.3	e S.V.	: ≤.06	supply,b recreation involving contact
(N) - mg/l	A- : ≤1.7	Nitrit		with the water, watering of livestock,
	Avg	e S.V.		propagation of wildlife and recreation
				not involving contact with the water.
	S			
	.V.			
Total Ammonia	_	e		Aquatic life.b
(as N) - mg/l				
Dissolved	_			Aquatic life,b recreation involving
Oxygen - mg/l	_	S.V.	: ≥5.0	contact with the water, propagation of
				wildlife, watering of livestock,
				municipal or domestic supply and
				recreation not involving contact with
				the water.
Suspended	_			Aquatic life.b
Solids - mg/l	_	S.V.	: ≤80	
Turbidity - NTU	_			Aquatic lifeb and municipal or

	_	S.V.	: ≤10	domestic supply.
Color - PCU	d	S.V.	: ≤75	Municipal or domestic supply.b
Total Dissolved	: ≤260	A-	: ≤500	Municipal or domestic supply,b
Solids - mg/l	A- : ≤375	Avg.		irrigation and watering of livestock.
	Avg			
	S			
	.V.			
Chlorides - mg/l	: ≤13			Municipal or domestic supply,b
	A- : ≤24	S.V.	: ≤250	propagation of wildlife, irrigation and
	Avg			watering of livestock.
	S			
	.V.			
Sulfate - mg/l	_			Municipal or domestic supply.b
	_	S.V.	: ≤250	
Sodium - SAR	: ≤2	A-	: ≤8	Irrigationb and municipal or domestic
	A-	Avg.		supply.
	Avg			
Alkalinity	_	< 25% cł	nange	Aquatic lifeb and propagation of
(as CaCO3) -	_	from natu	ural	wildlife.

mg/l		conditions	
Fecal Coliform-	_		Recreation involving contact with the
No./100ml	_	≤200/400c	water,b recreation not involving
			contact with the water, municipal or
			domestic supply, irrigation,
			propagation of wildlife and watering of
			livestock.
E coli -			Recreation involving contact with the
No./100ml			waterb and recreation not involving
Annual	_	≤126	contact with the water.
Geometric	_	≤410	
Mean			
Single Value			

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤11°C	Aquatic life ^b and recreation involving contact with
Maximum		AprJun. : ≤24°C	the water.
		JulOct. : ≤28°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.5 - 8.6		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.1	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	_		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen		Aquatic life, b municipal or domestic supply, b
(N) - mg/l	A-Avg : ≤1.2	Nitrate S.V. : ≤10	recreation involving contact with the water,
	S.V : ≤1.6	Nitrite S.V. ≤ 1.0	watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Ammonia		e	Aquatic life. ^b
(as N) - mg/l			
Dissolved			Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l	_	S.V. : ≥5.0	water, propagation of wildlife, watering of
			livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended			Aquatic life. ^b
Solids - mg/l	_	S.V. ; ≤80	
Turbidity - NTU	A-Avg : ≤12		Aquatic life ^b and municipal or domestic supply.
	S.V. _∶ ≤25	S.V. ; ≤50	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg : ≤250	A-Avg. : ≤500	Municipal or domestic supply, irrigation and
Solids - mg/l	S.V. _: ≤400		watering of livestock.
Chlorides - mg/l	A-Avg : ≤10		Municipal or domestic supply, ^b propagation of
	$\mathrm{S.V.}_{:\leq 18}$	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l			Municipal or domestic supply. ^b
	_	S.V. : ≤250	
Sodium - SAR	A-Avg : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤50		Recreation involving contact with the water, ^b
No./100ml	$S.V{:} \leq 280$	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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.

Г		1	
	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤11°C	Aquatic life ^b and recreation involving contact with
Maximum		AprJun. _: ≤24°C	the water.
		JulOct. : ≤28°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.5 - 8.5		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.1	Aquatic life, b recreation involving contact with the
(as P) - mg/l	_		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen		Aquatic life, municipal or domestic supply, b
(N) - mg/l	A-Avε : ≤0.6	Nitrate S.V. : ≤10	recreation involving contact with the water,
	S.V. _{: ≤1.1}	Nitrite S.V : ≤ 1.0	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	_		Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l	_	S.V. : ≥5.0	water, propagation of wildlife, watering of
			livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_		Aquatic life. ^b
Solids - mg/l	_	S.V. : ≤80	
Turbidity - NTU	A-Avg : ≤25		Aquatic life ^b and municipal or domestic supply.
	_	S.V. : ≤50	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
	EAISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg: ≤250	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤380		watering of livestock.
Chlorides - mg/l	A-Avg : ≤10		Municipal or domestic supply, ^b propagation of
	S.V. : ≤18	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A-Avg : ≤100		Municipal or domestic supply.b
	S.V. : ≤140	S.V. : ≤250	
Sodium - SAR	A-Avg : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤90		Recreation involving contact with the water, ^b
No./100ml	S.V. <u>:</u> ≤240	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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.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).

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤11°C	Aquatic life ^b and recreation involving contact with
Maximum		AprJun. : ≤24°C	the water.
		JulOct. _{: ≤28°C}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	_		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, ^b aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_		Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	_	S.V. : ≤0.06	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total Nitrogen		Aquatic life, b municipal or domestic supply, b

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
(N) - mg/l	A-Avξ : ≤1.3	Nitrate S.V. : ≤10	recreation involving contact with the water,
	S.V : ≤1.7	Nitrite S.V.: ≤ 1.0	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	_		Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l	_	S.V. ; ≥5.0	water, propagation of wildlife, watering of
			livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended			Aquatic life. ^b
Solids - mg/l		S.V. : ≤25	
Turbidity - NTU	A-Avg : ≤15		Aquatic life ^b and municipal or domestic supply.
	S.V _{: ≤27}	S.V. : ≤50	
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply. ^b
Total Dissolved	A-Avg : ≤175	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V : ≤225		watering of livestock.
Chlorides - mg/l	A-Avε : ≤9		Municipal or domestic supply, b propagation of
	S.V : ≤15	S.V.: ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A-Avg : ≤35		Municipal or domestic supply. ^b
	S.V _: ≤50	S.V. : ≤250	
Sodium - SAR	A-Avg : ≤2	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity	_	< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	AGM : ≤25		Recreation involving contact with the water ^b ,
No./100ml	S.V. : ≤75	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤235	

- 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.

T		1	
	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature	July-Oct.: ≤22°C	NovApr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ ° C^a	May-Jun. _∶ ≤17°C	contact with the water.
		JulOct. _{: ≤23°C}	
		ΔT ≤2°C ^a	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5-9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.

REQUIREMENTS		BENEFICIAL
TO MAINTAIN	WATER QUALITY	USES
EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
_		Propagation of aquatic life, recreation involving
		contact with the water, municipal or domestic
_	≤0.1 mg/l	supply, or both, and recreation not involving contact
		with the water.
Total Nitrogen		Municipal or domestic supply, or both, propagation
		of aquatic life, recreation involving contact with the
		water, watering of livestock, propagation of wildlife
≤0.6 mg/l		and recreation not involving contact with the water.
≤0.9 mg/l	Nitrate: ≤10 mg/l	
	Nitrite: ≤.06 mg/l	
_	С	Propagation of aquatic life.
	NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
_	JunOct.: ≥5.0 mg/l	contact with the water, propagation of wildlife,
_		watering of livestock, municipal or domestic
		supply, or both, and recreation not involving contact
		with the water.
≤60 mg/l		
	≤80 mg/l	Propagation of aquatic life.
		Propagation of aquatic life and municipal or
_	b	domestic supply, or both.
		Municipal or domestic supply, or both, and
≤26 PCU	≤75 PCU	propagation of aquatic life.
	TO MAINTAIN EXISTING HIGHER QUALITY — Total Nitrogen ≤0.6 mg/l ≤0.9 mg/l — ≤60 mg/l	TO MAINTAIN EXISTING HIGHER QUALITY STANDARDS FOR BENEFICIAL USES

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤165 mg/l	≤500 mg/l	
Single Value	≤220 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤15 mg/l		of wildlife, irrigation and watering of livestock.
Single Value	≤20 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	≤25 mg/l	≤250 mg/l	
Sodium	_		Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average		≤8	
Alkalinity		< 25% change from	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	natural conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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.

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovApr. : ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0^{\circ}C^{a}$	May-Jun. _: ≤17°C	contact with the water.
		JulOct. _{: ≤23°C}	
		ΔT ≤2°C ^a	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5-9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average	_	≤0.05 mg/l	supply, or both, and recreation not involving contact
Single Value	_	≤0.10 mg/l	with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤0.6 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.0 mg/l	Nitrate : ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite : ≤.06 mg/l	
Total Ammonia	_	d	Propagation of aquatic life.
(as N) - mg/l			

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	June-Oct. ^b : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
Suspended Solids			Propagation of aquatic life.
Annual Average	≤6.0 mg/l		
Single Value	≤9.0 mg/l	≤25 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Annual Average	≤3.0 NTU	c	domestic supply, or both.
Single Value	≤5.0 NTU		
Color			Municipal or domestic supply, or both, and
Single Value	≤21 PCU	≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤105 mg/l	≤500 mg/l	
Single Value	≤120 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤7 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤10 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	≤25 mg/l	≤250 mg/l	
Sodium	_		Irrigation, and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average		≤8	
	1	1	

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Alkalinity		< 25% change from	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	natural conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤235	

- 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.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovApr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ °C ^a	May-Jun. _: ≤17°C	contact with the water.
		JulOct. _{: ≤23°C}	
		ΔT ≤2°C ^a	
pН	_	Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH : ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average	≤0.07 mg/l	≤0.1 mg/l	supply, or both, and recreation not involving contact
Single Value	≤0.10 mg/l		with the water.
Nitrogen Species	Total Nitrogen	Nitrate: ≤10 mg/l	Municipal or domestic supply, or both, propagation
(as N)		Nitrite _: ≤.06 mg/l	of aquatic life, recreation involving contact with the
Annual Average	≤0.6 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.0 mg/l		and recreation not involving contact with the water.
Single Value			
Total Ammonia	_	С	Propagation of aquatic life.
(as N) - mg/l			
Dissolved	_	NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen		JunOct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
Suspended			Propagation of aquatic life.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Solids			
Single Value	_	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	b	domestic supply, or both.
Color			Municipal or domestic supply, or both, and
Single Value	_	≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤175 mg/l	≤500 mg/l	
Single Value	≤260 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤16 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤30 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	_	≤250 mg/l	
Sodium	_		Irrigation, and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average		≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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).

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovApr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ ° C^a	May-Jun. _: ≤17°C	contact with the water.
		JulOct. : ≤23°C	
		$\Delta T \leq 2^{\circ}C^{a}$	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average		≤0.10 mg/l	supply, or both, and recreation not involving contact
Single Value	≤0.15 mg/l		with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤1.0 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.2 mg/l	Nitrate: ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite: ≤.06 mg/l	
Total Ammonia	_	С	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay : ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	JunOct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
Suspended			Propagation of aquatic life.
Solids	_		
Single Value		≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	ь	domestic supply, or both.
Color			Municipal or domestic supply, or both, and
Single Value	≤46 PCU	≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Solids			and watering of livestock.
Annual Average	≤330 mg/l	≤500 mg/l	
Single Value	≤425 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤22 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤28 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	≤74 mg/l	≤250 mg/l	
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio	_		both.
Annual Average		≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		Nov-Apr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ °C ^a	May-Jun. _: ≤17°C	contact with the water.
		JulOct. _{: ≤23°C}	
		$\Delta T \leq 2^{\circ}C^{a}$	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates	_		Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average	_	≤0.1 mg/l	supply, or both, and recreation not involving contact
			with the water.
Nitrogen Species	Total Nitrate		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤0.25 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤0.45 mg/l	Nitrate: ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite _: ≤.06 mg/l	

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Total Ammonia	_	С	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	JunOct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
Suspended			Propagation of aquatic life.
Solids			
Single Value	≤45 mg/l	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	b	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, and
Single Value		≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤220 mg/l	≤500 mg/l	
Single Value	≤300 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤5 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤7 mg/l	≤250 mg/l	
Sulfate	_		Municipal or domestic supply, or both.
Single Value		≤250 mg/l	

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average	_	≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. Increase in turbidity must not be more than $10\ \mathrm{NTU}$ 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)

STANDARDS OF WATER QUALITY

East Walker River

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

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovApr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0^{\circ} C^{a}$	May-Jun. : ≤17°C	contact with the water.
Single value		JulOct. : ≤23°C	Contact with the water.
		ΔT ≤2°Ca	
pН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average	_	≤0.1 mg/l	supply, or both, and recreation not involving contact
			with water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤0.8 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.4 mg/l	Nitrate: ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite _: ≤.06 mg/l	
Total Ammonia	_	c	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	JunOct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids			
Single Value	≤30 mg/l	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	b	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, and
Single Value		≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤175 mg/l	≤500 mg/l	
Single Value	≤210 mg/l		
Chloride		_	Municipal or domestic supply, or both, propagation
Annual Average	≤5 mg/l		of wildlife, irrigation and watering of livestock.
Single Value	≤7 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	≤26 mg/l	≤250 mg/l	
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average	≤2	≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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.

	REQUIREMENTS TO MAINTAIN	WATER QUALITY	BENEFICIAL USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
T	QUILITI		
Temperature		NovApr.: ≤13°C	Propagation of aquatic life and recreation
Single Value	$\Delta T = 0^{\circ} C^{a}$	May-Jun. _: ≤17°C	involving contact with the water.
		JulOct. _{: ≤23°C}	
		$\Delta T \leq 2^{\circ}C^{a}$	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ± 0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates	_		Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average	_	≤0.10 mg/l	supply, or both, and recreation not involving
			contact with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both,
(as N)			propagation of aquatic life, recreation involving
Annual Average	≤0.9 mg/l		contact with the water, watering of livestock,
Single Value	≤1.7mg/l	Nitrate: ≤10 mg/l	propagation of wildlife and recreation not
Single Value		Nitrite _: ≤ .06 mg/l	involving contact with the water.
Total Ammonia	_	С	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen		June-Oct.: ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving
			contact with the water.

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids			
Single Value	_	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	ь	domestic supply, or both.
Color			Municipal or domestic supply, or both, and
Single Value	_	≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤320 mg/l	≤500 mg/l	
Single Value	≤390 mg/l		
Chloride			Municipal or domestic supply, or both,
Annual Average	≤13 mg/l		propagation of wildlife, irrigation and watering of
Single Value	≤19 mg/l	≤250 mg/l	livestock.
Sulfate			Municipal or domestic supply, or both.
Single Value	_	≤250 mg/l	
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio	_		both.
Annual Average		≤8	
Alkalinity	_	< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)		conditions	wildlife.

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovApr.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ ° C^a	May-Jun. _{: ≤1} 7°C	contact with the water.
		JulOct. _{: ≤23°C}	
		ΔT ≤2°C ^a	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average		≤0.16 mg/l	supply, or both, and recreation not involving contact
Single Value	_	≤0.39 mg/l	with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤0.9 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.7 mg/l	Nitrate : ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite : ≤.06 mg/l	
Total Ammonia	_	С	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	JunOct. :≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
]		

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids	_		
Single Value		≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	b	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, propagation
Single Value		≤75 PCU	of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤320 mg/l	≤500 mg/l	
Single Value	≤390 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤13 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤19 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Single Value	≤44 mg/l	≤250 mg/l	
Sodium	_		Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average		≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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)

STANDARDS OF WATER QUALITY

Walker River

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

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovMar.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ ° C^a	AprJun. : ≤23°Cb	contact with the water.
		JulOct. _{: ≤28°C}	
		ΔT ≤2°C	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)			contact with the water, municipal or domestic
Annual Average		≤0.26 mg/l	supply, or both, and recreation not involving contact
Single Value	_	≤0.40 mg/l	with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤1.2 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.5 mg/l	Nitrate: ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite _: ≤1 ^c mg/l	
Total Ammonia	_	e	Propagation of aquatic life.
(as N) - mg/l			
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	JunOct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids			
Single Value	_	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	d	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, and
Single Value		≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤400 mg/l	≤500 mg/l	
Single Value	≤450 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤30 mg/l	_	of wildlife irrigation and watering of livestock.
Single Value	≤35 mg/l	≤250 mg/l	
Sulfate			Municipal or domestic supply, or both.
Annual Average	≤95 mg/l		
Single Value	≤110 mg/l	≤250 mg/l	
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average	≤3	≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			recreation not involving contact with the water.

	REQUIREMENTS		
	TO MAINTAIN		BENEFICIAL
	EXISTING	WATER QUALITY	USES
	HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
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 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.

			1
	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
PARAMETER	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature		NovMar.: ≤13°C	Propagation of aquatic life and recreation involving
Single Value	$\Delta T = 0$ ° C^a	AprJun. _: ≤23°C ^b	contact with the water.
		JulOct. : ≤28°C	
		ΔT ≤2°C	
рН		Within range	Propagation of aquatic life, recreation involving
Single Value	_	6.5 - 9.0 SU	contact with the water, propagation of wildlife,
		ΔpH: ±0.5 SU	irrigation, watering of livestock, municipal or
		Max.	domestic supply, or both, and industrial supply.
Total Phosphates			Propagation of aquatic life, recreation involving
(as P)	_		contact with the water, municipal or domestic
Annual Average		≤0.17 mg/l	supply, or both, and recreation not involving contact
Single Value		≤0.23 mg/l	with the water.
Nitrogen Species	Total Nitrogen		Municipal or domestic supply, or both, propagation
(as N)			of aquatic life, recreation involving contact with the
Annual Average	≤1.2 mg/l		water, watering of livestock, propagation of wildlife
Single Value	≤1.5 mg/l	Nitrate: ≤10 mg/l	and recreation not involving contact with the water.
Single Value		Nitrite _{: ≤1 mg/l^c}	
Single Value		Ammonia: ≤.06 mg/l	
		(un-ionized)	
Dissolved		NovMay: ≥6.0 mg/l	Propagation of aquatic life, recreation involving
Oxygen	_	June-Oct. : ≥5.0 mg/l	contact with the water, propagation of wildlife,
Single Value	_		watering of livestock, municipal or domestic
			supply, or both, and recreation not involving contact
			with the water.
L			

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
PARAMETER	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids			
Single Value	≤60 mg/l	≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	d	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, and
Single Value		≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤390 mg/l	≤500 mg/l	
Single Value	≤570 mg/l		
Chloride			Municipal or domestic supply, or both, propagation
Annual Average	≤23 mg/l	_	of wildlife, irrigation and watering of livestock.
Single Value	≤34 mg/l	≤250 mg/l	
Sulfate	_		Municipal or domestic supply, or both.
Single Value		≤250 mg/l	
Sodium			Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average	≤3	≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
Escherichia coli			Recreation involving contact with the water,
Annual Geometric			recreation not involving contact with the water,
Mean	_	126 MF/100ml	municipal or domestic supply, or both, irrigation

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
PARAMETER	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Single Value	_	235 MF/100ml	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 \leq 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.

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)

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

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.159
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Suspended			Propagation of aquatic life.
Solids	_		
Single Value		≤80 mg/l	
Turbidity			Propagation of aquatic life and municipal or
Single Value	_	ь	domestic supply, or both.
Color	_		Municipal or domestic supply, or both, and
Single Value		≤75 PCU	propagation of aquatic life.
Total Dissolved			Municipal or domestic supply, or both, irrigation
Solids			and watering of livestock.
Annual Average	≤110 mg/l	≤500 mg/l	
Single Value	≤130 mg/l		
Chloride			Municipal or domestic supply, or both,
Annual Average	≤5 mg/l	_	propagation of wildlife, irrigation and watering of
Single Value	≤7 mg/l	≤250 mg/l	livestock.
Sulfate	_		Municipal or domestic supply, or both.
Single Value		≤250 mg/l	
Sodium	_		Irrigation and municipal or domestic supply, or
Adsorption Ratio			both.
Annual Average		≤8	
Alkalinity		< 25% change from natural	Propagation of aquatic life and propagation of
(as CaCO ₃)	_	conditions	wildlife.
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric			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. 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.

	REQUIREMENTS		BENEFICIAL
	TO MAINTAIN	WATER QUALITY	USES
	EXISTING HIGHER	STANDARDS FOR	As designated in NAC 445A.1693
PARAMETER	QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature ^a			Propagation of aquatic life.
Single Value	_	ΔT ≤2°C	

рН			Propagation of aquatic life, recreation involving
Single Value	_	Within range	contact with the water and propagation of wildlife.
		6.5 - 9.7 SU	
Dissolved Oxygen ^b			Propagation of aquatic life, recreation involving
Single Value	_	≥5 mg/l	contact with the water, recreation not involving
			contact with the water and propagation of wildlife.
Suspended Solids			Propagation of aquatic life.
Single Value	_	≤25 mg/l	
Nitrogen Species			Propagation of aquatic life and propagation of
(as N)	Total Inorganic		wildlife.
Single Value	Nitrogen:	Nitrate ≤90 mg/l	
Single Value	≤0.3 mg/l	Nitrite ≤0.06 mg/l	
Total Ammonia			Propagation of aquatic life.
(as N) - mg/l	_	c	
Total Phosphorus			Propagation of aquatic life.
(as P)			
Single Value	_	≤0.82 mg/l	
E coli - No./100ml			Recreation involving contact with the water and
Annual Geometric	_	≤126	recreation not involving contact with the water.
Mean	_	≤235	
Single Value			

- 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.

	DECLIDEMENTS		
	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-Jun. _∶ ≤17°C	the water.
		JulOct.: ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units		S.V.: 6.5 - 9.0	Recreation involving contact with the water, ^b
	_	ΔpH: ±0.5 Max.	propagation of wildlife, b aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg.: ≤.04	A-Avg.: ≤0.1	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	S.V. : ≤.06	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total	Nitrate S.V.: ≤10	Municipal or domestic supply, ^b aquatic life, ^b
(N) - mg/l	Nitrogen : ≤.6	Nitrite S.V.: ≤.06	recreation involving contact with the water,
	A-Avg. : ≤.8		watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
d		S.V.:	Aquatic life, ^b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct.: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended		S.V.: ≤25	Aquatic life. ^b
Solids - mg/l	_		
Turbidity - NTU	_	S.V.: ≤10	Aquatic life ^b and municipal or domestic supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Color - PCU	_	С	Aquatic life ^b and municipal or domestic supply.
Total Dissolved	A-Avg.: ≤50	A-Avg.: ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤60	_	watering of livestock.
Chlorides - mg/l	A-Avg. : ≤2	_	Municipal or domestic supply, propagation of
	S.V. <u>;</u> ≤3	S.V.: ≤250	wildlife, irrigation and watering of livestock.
Sulfate - mg/l	A-Avg. : ≤4	_	Municipal or domestic supply. ^b
	S.V. _{∶≤5}	S.V.: ≤250	
Sodium - SAR	A-Avg. ; ≤1	A-Avg.: ≤8	Irrigation ^b and municipal or domestic supply.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM: ≤100		Recreation involving contact with the water, ^b
No./100ml	S.V. _∶ ≤200	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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. 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 30day 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-Jun. _: ≤17°C	the water.
		JulOct. _{: ≤23°C}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	_	A-Avg.: ≤0.1	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	S.V. : ≤0.13	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Nitrate	Nitrate S.V.: ≤10	Municipal or domestic supply, ^b aquatic life, ^b
(N) - mg/l		Nitrite S.V.	recreation involving contact with the water,
	4	<u> </u>	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
	S.V. : ≤0.45	: ≤.06	watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V.:	Aquatic life, ^b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct. _: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended			Aquatic life.b
Solids - mg/l	_	S.V.: ≤25	
Turbidity - NTU	_	S.V.; ≤10	Aquatic life ^b and municipal or domestic supply.
Color - PCU	_	С	Aquatic life ^b and municipal or domestic supply.
Total Dissolved	A-Avg. : ≤225	A-Avg.: ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤300	_	watering of livestock.
Chlorides - mg/l	A-Avg. : ≤6	_	Municipal or domestic supply, b propagation of
	S.V. : ≤10	S.V.: ≤250	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		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤100		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤200	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
	•	•	•

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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. 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 30day 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES

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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-Jun. _: ≤17°C	the water.
		JulOct. _: ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg.: ≤.013	A-Avg.: ≤0.1	Aquatic life, b recreation involving contact with the
(as P) - mg/l	S.V. _{: ≤.03}	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Nitrate	Nitrate S.V.: ≤10	Municipal or domestic supply, ^b aquatic life,
(N) - mg/l	A-Avg.: ≤0.18	Nitrite S.V.: ≤.06	recreation involving contact with the water,
	S.V. _{: ≤0.22}		watering of livestock, propagation of wildlife ^b and
			recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
		S.V.:	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct.: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended			Aquatic life.b
Solids - mg/l	_	S.V.: ≤25	
Turbidity - NTU		S.V.: ≤10	Aquatic life ^b and municipal or domestic supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Color - PCU	_	С	Aquatic life ^b and municipal or domestic supply.
Total Dissolved	A-Avg.: ≤135	A-Avg.: ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. _: ≤150	_	watering of livestock.
Chlorides - mg/l	A-Avg.; ≤3	_	Municipal or domestic supply, b propagation of
	S.V. _: ≤5	S.V.; ≤250	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		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM: ≤100		Recreation involving contact with the water, ^b
No./100ml	S.V.; ≤200	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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. 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 30day 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).

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovJun. : ≤21°C	Aquatic life. ^b
Maximum		JulOct. _: ≤32°C	

		, ·
TO MAINTAIN	WATER QUALITY	
EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
QUALITY	BENEFICIAL USES	USES
L = 0°C	ΔT ≤2°C	
		Propagation of wildlife, b aquatic life, b recreation not
_	S.V.: 6.5 - 9.0	involving contact with the water, irrigation,
	ΔpH: ±0.5 Max.	watering of livestock and industrial supply.
_	A-Avg. : ≤0.1	Aquatic life ^b and recreation not involving contact
		with the water.
otal Nitrogen		Aquatic life, ^b watering of livestock, propagation of
A-Avg. : ≤0.9	Nitrate S.V. : ≤90	wildlife and recreation not involving contact with
S.V. ; ≤1.6	Nitrite S.V. : ≤ 5.0	the water.
_	f	Aquatic life. ^b
		Aquatic life, ^b recreation not involving contact with
_	S.V. : ≥5.0	the water, propagation of wildlife and watering of
		livestock.
_	e	Aquatic life. ^b
_	d	Aquatic life. ^b
_	С	Irrigation ^b and watering of livestock.
	< 25% change from	Aquatic life ^b and propagation of wildlife.
_	natural conditions	
AGM : ≤300	AGM : ≤1000	Recreation not involving contact with the water, ^b
S.V. _{: ≤550}	S.V. _: ≤2000	irrigation, propagation of wildlife and watering of
		livestock.
		Recreation not involving contact with the water.
Γ	QUALITY = 0°C — tal Nitrogen A-Avg.: ≤0.9 S.V.: ≤1.6 — — — — — — AGM: ≤300	QUALITY BENEFICIAL USES = 0°C AT ≤2°C S.V.: 6.5 - 9.0 ApH: ±0.5 Max. — A-Avg.: ≤0.1 tal Nitrogen Nitrate S.V.: ≤90 S.V.: ≤1.6 Nitrite S.V.: ≤5.0 — f S.V.: ≥5.0 c — d — c d — c c AGM: ≤300 AGM: ≤1000

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Annual Geometric			
Mean	_	≤630	

- 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).

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovJun. ; ≤21°C	Aquatic life. ^b
Maximum		JulOct.	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
		: ≤32°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH -			Propagation of wildlife, b aquatic life, b recreation not
Standard Units	_	S.V.: 6.5 - 9.0	involving contact with the water, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock and industrial supply.
Total Phosphates	A-Avg. : ≤.06	A-Avg. : ≤0.1	Aquatic life ^b and recreation not involving contact
(as P) - mg/l	S.V. _: ≤0.1	_	with the water.
Nitrogen Species	Total Nitrogen	Nitrate S.V. : ≤90	Aquatic life, b watering of livestock, propagation of
(N) - mg/l	A-Avg. : ≤2.4	Nitrite S.V. : ≤5.0	wildlife and recreation not involving contact with
	S.V. : ≤3.2		the water.
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Dissolved			Aquatic life, b recreation not involving contact with
Oxygen - mg/l	_	S.V. ; ≥5.0	the water, propagation of wildlife and watering of
			livestock.
Turbidity - NTU	_	e	Aquatic life. ^b
Color - PCU	_	d	Aquatic life. ^b
Total Dissolved	_	С	Irrigation ^b and watering of livestock.
Solids - mg/l			
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤450	AGM : ≤1000	Recreation not involving contact with the water, ^b
No./100ml	S.V. : ≤1800	S.V. : ≤2000	irrigation, propagation of wildlife and watering of
			livestock.
E coli - No./100ml			Recreation not involving contact with the water.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Annual Geometric			
Mean	_	≤630	

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovJun.: ≤21°C	Aquatic life. ^b
Maximum		JulOct.	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER			USES
PARAMETER	QUALITY	BENEFICIAL USES	USES
		: ≤32°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Propagation of wildlife, b aquatic life, b recreation not
	_	S.V.: 6.5 - 9.0	involving contact with the water, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock and industrial supply.
Total Phosphates	_	A-Avg.: ≤0.1	Aquatic life ^b and recreation not involving contact
(as P) - mg/l			with the water.
Nitrogen Species	Total Nitrogen	Nitrate S.V.: ≤90	Aquatic life ^b watering of livestock, propagation of
(N) - mg/l	A-Avg.: ≤2.9	Nitrite S.V.: ≤5.0	wildlife and recreation not involving contact with
	S.V.; ≤6.1		the water.
Total Ammonia	_	f	Aquatic life.b
(as N) - mg/l			
Dissolved			Aquatic life, ^b recreation not involving contact with
Oxygen - mg/l	_	S.V.; ≥5.0	the water, propagation of wildlife and watering of
			livestock.
Turbidity - NTU	_	e	Aquatic life. ^b
Color - PCU		d	Aquatic life. ^b
Total Dissolved	_	С	Irrigation ^b and watering of livestock.
Solids - mg/l			
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM: ≤625	AGM: ≤1000	Recreation not involving contact with the water, ^b
No./100ml	S.V. _: ≤1250	S.V. _∶ ≤2000	irrigation, propagation of wildlife and watering of
			livestock.
E coli - No./100ml			Recreation not involving contact with the water. ^b

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Annual Geometric			
Mean	_	≤630	

- 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)

STANDARDS OF WATER QUALITY

Beaver Dam Wash

control point above Schroeder Reservoir. The limits of this table apply above Schroeder Reservoir.

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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-Jun. _: ≤17°C	the water.
		JulOct. _: ≤23°C	
	LT. 00G	LT. 400	
ΔT^{a}	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg.: ≤.01	A-Avg.: ≤0.05	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	S.V. _: ≤.013	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Nitrate	Nitrate S.V.; ≤10	Municipal or domestic supply, aquatic life, b
(N) - mg/l	S.V.:≤.22	Nitrite S.V.; ≤.06	recreation involving contact with the water,
			watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
		S.V.:	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct.: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_	S.V.; ≤25	Aquatic life. ^b
Solids - mg/l			
Turbidity - NTU	_	S.V.; ≤10	Aquatic life ^b and municipal or domestic supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Color - PCU	_	e	Aquatic life ^b and municipal or domestic supply.
Total Dissolved	_	С	Municipal or domestic supply, b irrigation and
Solids - mg/l			watering of livestock.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -			Recreation involving contact with the water, ^b
No./100ml	_	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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. 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 30day 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-Jun. _: ≤17°C	the water.
		JulOct. _: ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg.: ≤.05	A-Avg.: ≤0.1	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	S.V. _∶ ≤.08		water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Nitrate	Nitrate S.V.: ≤10	Municipal or domestic supply, ^b aquatic life, ^b
(N) - mg/l	A-Avg.: ≤.22	Nitrite S.V.: ≤.06	recreation involving contact with the water,
	S.V. _{: ≤.44}		watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
		S.V.:	Aquatic life, ^b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct.: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_	S.V.: ≤25	Aquatic life. ^b
Solids - mg/l			
Turbidity - NTU	_	S.V.: ≤10	Aquatic life ^b and municipal or domestic supply.
Color - PCU	_	С	Aquatic life ^b and municipal or domestic supply.
Total Dissolved	A-Avg. : ≤100	A-Avg.: ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. _: ≤125		watering of livestock.
Chlorides - mg/l	A-Avg. : ≤10	_	Municipal or domestic supply, ^b propagation of
	S.V. _: ≤20	S.V.: ≤250	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		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤100		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤200	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			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. 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 30day 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, Summernot more than	25.0
Single Value, Winternot 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 Valuewithin range	6.5-8.5

Dissolved Oxygen - mg/l	
Average (June through September)not less than	8.0
Single Value	7.5
BOD - mg/l	
Single Valuenot more than	5.0
Chlorides - mg/l	
Single Valuenot more than	10.0
Phosphates (PO4) - mg/l	
Annual Average	0.5
Single Valuenot more than	0.7
Nitrates (NO3) - mg/l	
Single Valuenot more than	5.0
Total Dissolved Solids - mg/l	
Annual Average	225.0
Single Value	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

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 Valuenot less than	6.0
Chlorides - mg/l	
Single Value not more than	15.0
Phosphates (PO4) - mg/l	
Annual Average	0.3
Single Value not more than	0.4
Nitrates (NO3) - mg/l	
Single Value not more than	2.0

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, Summernot more than	25.0
Single Value, Winternot 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 Valuewithin range	6.5-8.5
Dissolved Oxygen - mg/l	
Average (June through September)not less than	8.0
Single Valuenot less than	7.0
Chlorides - mg/l	
Single Valuenot more than	10.0
Phosphates (PO4) - mg/l	
Annual Averagenot more than	0.3
Single Valuenot more than	0.4

Nitrates (NO3) - mg/l

Single Valuenot more than 3.0

Total Dissolved Solids - mg/l

Annual Average......not more than 125.0

Single Valuenot 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤7°C	Aquatic life ^b and recreation involving contact with
Maximum		AprMay : ≤13°C	the water.
		June _{: ≤17°} C	
		July : ≤22°C	
		Aug. : ≤21°C:	
		SepOct. ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
ΔT^a	$\Delta T = 0$ °C	July : ≤22°C Aug. : ≤21°C: SepOct. ≤23°C	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
pH Units	7.0 - 8.3	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH : ±0.5 Max.	propagation of wildlife, aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Dissolved		S.V. :	Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l	_	NovMar. : ≥6.0	water, propagation of wildlife, watering of
		AprOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg.: ≤7.0	S.V. : ≤250	Municipal or domestic supply, ^b propagation of
	S.V.; ≤10.0		wildlife, irrigation and watering of livestock.
Total Phosphates	A-Avg.: ≤0.03	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Ortho Phosphate	S.V.; ≤0.01	S.V. : ≤0.05	Aquatic life, ^b recreation involving contact with the
(P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤2.0	Aquatic life, ^b recreation involving contact with the
(N) - mg/l	Nitrogen : ≤0.3	Nitrite S.V. : ≤.04	water, b municipal or domestic supply and recreation
	A-Avg.: ≤0.43		not involving contact with the water.
	S.V.		
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg.: ≤70.0	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. _: ≤85.0		watering of livestock.

REQUIREMENTS		
TO MAINTAIN	WATER QUALITY	
EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
QUALITY	BENEFICIAL USES	USES
A-Avg.: ≤5.0	S.V. : ≤10.00	Aquatic life ^b and municipal or domestic supply.
S.V. _: ≤9.0		
d	S.V. : ≤75	Municipal or domestic supply.
	< 25% change from	Aquatic life ^b and propagation of wildlife.
_	natural conditions	
AGM: ≤30.0		Recreation involving contact with the water, ^b
$S.V{:} \leq 150.0$	≤200/400°	recreation not involving contact with the water,
		municipal or domestic supply, irrigation,
		propagation of wildlife and watering of livestock.
		Recreation involving contact with the water ^b and
		recreation not involving contact with the water.
_	≤126	
_	≤410	
A-Avg.: ≤15.0	S.V. : ≤25	Aquatic life. ^b
A-Avg.: ≤7.0		Municipal or domestic supply. ^b
$S.V.$: ≤ 8.0	S.V. : ≤250	
A-Avg.: ≤0.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
S.V. _: ≤0.6		
_	A-Avg. : ≤2.5	Municipal or domestic supply.
	S.V. : ≤3.0	
	TO MAINTAIN EXISTING HIGHER QUALITY A-Avg.: ≤5.0 S.V.: ≤9.0 d AGM: ≤30.0 S.V.: ≤150.0 A-Avg.: ≤15.0 A-Avg.: ≤7.0 S.V.: ≤8.0 A-Avg.: ≤0.5	TO MAINTAIN WATER QUALITY EXISTING HIGHER STANDARDS FOR QUALITY BENEFICIAL USES A-Avg.: ≤5.0 S.V.: ≤10.00 S.V.: ≤9.0 S.V.: ≤75 < 25% change from natural conditions

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤7°C	Aquatic life ^b and recreation involving contact with
Maximum		AprMay : ≤13°C	the water.
		June _{: ≤17°} C	
		^{July} : ≤21°C	
		Aug. : ≤22°C	
		SepOct. : ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
pH Units	7.2 - 8.3	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH : ±0.5 Max.	propagation of wildlife, b aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Dissolved	_	S.V. :	Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l		NovMar. : ≥6.0:	water, propagation of wildlife, watering of
		AprOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤7.0	S.V. : ≤250	Municipal or domestic supply, ^b propagation of
	S.V. : ≤10.0		wildlife, irrigation and watering of livestock.
Total Phosphates	A-Avg. : ≤0.05	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Ortho Phosphate	S.V. : ≤0.02	S.V. ; ≤0.05	Aquatic life, ^b recreation involving contact with the
(P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤2.0	Aquatic life, ^b recreation involving contact with the
(N) - mg/l	Nitrogen : ≤0.3	Nitrite S.V. : ≤.04	water, b municipal or domestic supply and recreation
	A-Avg. : ≤0.43		not involving contact with the water.
	S.V.		
Total Ammonia		e	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤80.0	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. _: ≤95.0		watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Turbidity - NTU	A-Avg. : ≤6.0	S.V. : ≤10	Aquatic life ^b and municipal or domestic supply.
	S.V. _: ≤9.0		
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤50.0		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤200.0	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Suspended	A-Avg. : ≤15.0	S.V. : ≤25	Aquatic life. ^b
Solids - mg/l			
Sulfate - mg/l	A-Avg. : ≤7.0		Municipal or domestic supply. ^b
	S.V. : ≤8.0	S.V. : ≤250	
Sodium - SAR	A-Avg. : ≤0.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	S.V. : ≤0.6		
BOD-mg/l		A-Avg. : ≤2.5	Municipal or domestic supply.
		S.V. : ≤3.0	

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤7°C	Aquatic life ^b and recreation involving contact with
Maximum		AprMay : ≤13°C	the water.
		June : ≤17°C	
		July : ≤21°C	
		Aug. : ≤22°C	
		SepOct. : ≤23°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.0 - 8.5	S.V.: 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH: ±0.5	propagation of wildlife, b aquatic life, irrigation,
		Max.	watering of livestock, municipal or domestic supply
			and industrial supply.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Dissolved	_	S.V.:	Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l		NovMar. : ≥6.0	water, propagation of wildlife, watering of
		AprOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤7.0		Municipal or domestic supply, ^b propagation of
	S.V. : ≤10.0	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Total Phosphates	A-Avg. : ≤0.05	A-Avg. : ≤0.10	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Ortho Phosphate	S.V. : ≤0.02	S.V. : ≤0.05	Aquatic life, b recreation involving contact with the
(P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤2.0	Aquatic life, ^b recreation involving contact with the
(N) - mg/l	Nitrogen : ≤0.3	Nitrite S.V. : ≤.04	water, b municipal or domestic supply and recreation
	A-Avg. : ≤0.43		not involving contact with the water.
	S.V.		
Total Ammonia	_	e	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤90.0	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤120.0		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		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	AGM : ≤75.0		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤350.0	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Suspended	A-Avg. : ≤15.0	S.V. : ≤25	Aquatic life. ^b
Solids - mg/l			
Sulfate - mg/l	A-Avg. : ≤7.0	S.V. : ≤250	Municipal or domestic supply. ^b
	S.V. : ≤8.0		
Sodium - SAR	A-Avg. : ≤0.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	S.V. : ≤0.6		
BOD - mg/l	_	A-Avg. : ≤3.0	Municipal or domestic supply.
		S.V. : ≤5.0	

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		Apr. : ≤21°Ce	the water.
		May : ≤22°C ^{e,f}	
		June-Oct. : ≤23°C ^{e,f}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.1 - 8.5	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH : ±0.5 Max.	propagation of wildlife, b aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Dissolved	_	S.V. :	Aquatic life, b recreation involving contact with the
Oxygen - mg/l		NovMar. : ≥6.0	water, propagation of wildlife, watering of
		AprOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤26.0		Municipal or domestic supply, ^b propagation of
	S.V. : ≤30.0	S.V. : ≤250	wildlife, irrigation and watering of livestock.
	1	1	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphates		A-Avg. : ≤0.05	Aquatic life, b recreation involving contact with the
(as P) - mg/l	_		water, ^b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	_	TN A-Avg. : ≤0.75	Aquatic life, b recreation involving contact with the
(N) - mg/l		TN S.V. : ≤1.2	water, b municipal or domestic supply and recreation
		Nitrate S.V. : ≤2.0	not involving contact with the water.
		Nitrite S.V. : ≤.04	
Total Ammonia	_	g	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤210.0	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤260.0		watering of livestock.
Turbidity - NTU	_	S.V. : ≤10	Aquatic life ^b and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤90.0		Recreation involving contact with the water, ^b
No./100ml	S.V.: : ≤300.0	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Suspended	A-Avg. : ≤25.0	S.V. : ≤50	Aquatic life. ^b
Solids - mg/l			

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Sulfate - mg/l	A-Avg. : ≤39.0	S.V. : ≤250	Municipal or domestic supply.b
	S.V. : ≤46.0		
Sodium - SAR	A-Avg. : ≤1.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	S.V. : ≤2.0		

- 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 $\leq 2^{\circ}C$ 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		Apr. : ≤21°C ^e	the water.
		May : ≤22°C ^{e,f}	
		June-Oct. : ≤23°C ^{e,f}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.0 - 8.6	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH : ±0.5 Max.	propagation of wildlife, b aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Dissolved	_	S.V. :	Aquatic life, ^b recreation involving contact with the
Oxygen - mg/l		NovMar. : ≥6.0	water, propagation of wildlife, watering of
		AprOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤21.0		Municipal or domestic supply, ^b propagation of
	S.V. _: ≤30.0	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Total Phosphates	_	A-Avg. : ≤0.05	Aquatic life, b recreation involving contact with the
(as P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	_	TN A-Avg. : ≤0.75	Aquatic life, ^b recreation involving contact with the
(N) - mg/l		TN S.V. : ≤1.2	water, b municipal or domestic supply and recreation
		Nitrate S.V. : ≤2.0	not involving contact with the water.
		Nitrite S.V.	

		: ≤.04	
Total Ammonia	_	g	Aquatic life, ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤215.0	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤265.0		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		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤80.0		Recreation involving contact with the water, ^b
No./100ml	S.V. _: ≤250	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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. : ≤250	Municipal or domestic supply. ^b
	S.V. : ≤46.0		
Sodium - SAR	A-Avg. : ≤1.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	S.V. : ≤2.0		

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar. : ≤13°C ^e	Aquatic life ^b and recreation involving contact with
Maximum		AprJune _{: ≤14°Ce}	the water.
		July-Oct. : ≤25°C ^f	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
pH Units	7.1 - 8.6	S.V.: 6.5 - 9.0	Recreation involving contact with the water, ^b
		ΔpH : ±0.5 Max.	propagation of wildlife, b aquatic life, irrigation,
			watering of livestock, municipal or domestic supply
			and industrial supply.
Dissolved	_	S.V. :	Aquatic life, b recreation involving contact with the
Oxygen - mg/l		NovJune : ≥6.0	water, propagation of wildlife, watering of
		July-Oct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Chlorides - mg/l	A-Avg. : ≤20.0		Municipal or domestic supply, propagation of
	S.V. : ≤28.0	S.V. : ≤250	wildlife, irrigation and watering of livestock.
Total Phosphates	_	A-Avg. : ≤0.05	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l			water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	_	TN A-Avg. : ≤0.75	Aquatic life, ^b recreation involving contact with the
(N) - mg/l		TN S.V. : ≤1.2	water, b municipal or domestic supply and recreation
		Nitrate S.V. : ≤2.0	not involving contact with the water.
		Nitrite S.V. : ≤.04	
Total Ammonia	_	g	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤245.0	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l	S.V. : ≤310.0		watering of livestock.
Turbidity - NTU	_	S.V. : ≤10	Aquatic life ^b and municipal or domestic supply.
Color - PCU	d	S.V. : ≤75	Municipal or domestic supply.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	AGM: ≤50		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤250	≤200/400°	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Suspended	A-Avg.: ≤25.0	S.V. : ≤50	Aquatic life. ^b
Solids - mg/l			
Sulfate - mg/l	A-Avg. : ≤39.0	S.V. : ≤250	Municipal or domestic supply. ^b
	S.V. : ≤46.0		
Sodium - SAR	A-Avg. : ≤1.5	A-Avg. : ≤8	Irrigation ^b and municipal or domestic supply.
	S.V. _: ≤2.0		

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovMar.: ≤13°C ^e	Aquatic life ^b and water contact recreation.
Maximum		AprJune: ≤14°C ^e	
		July-Oct.: ≤25°C ^f	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	7.3 - 9.0	S.V.: 6.5 - 9.0	Water contact recreation, wildlife propagation,
		ΔpH: ±0.5 Max.	aquatic life, irrigation, stock watering, municipal or
			domestic supply and industrial supply.
Dissolved	_	S.V.:	Aquatic life, ^b water contact recreation, wildlife
Oxygen - mg/l		NovJune: ≥6.0	propagation, stock watering, municipal or domestic
		July-Oct.: ≥5.0	supply and noncontact recreation.
Chlorides - mg/l	A-Avg.: ≤105.0		Municipal or domestic supply, wildlife
	S.V.: ≤130.0	S.V.: ≤250	propagation, irrigation and stock watering.
Total Phosphates	_	A-Avg.: ≤0.05	Aquatic life, b water contact recreation, b municipal
(as P) - mg/l			or domestic supply and noncontact recreation.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Nitrogen Species	_	TN A-Avg.: ≤0.75	Aquatic life, ^b water contact recreation, ^b municipal
(N) - mg/l		TN S.V.: ≤1.2	or domestic supply and noncontact recreation.
		Nitrate S.V.: ≤2.0	
		Nitrite S.V.: ≤.04	
		Ammonia S.V.: ≤.02	
		(un-ionized)	
Total Dissolved	A-Avg.: ≤415.0	A-Avg.: ≤500	Municipal or domestic supply, b irrigation and stock
Solids - mg/l			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		< 25% change from	Aquatic life ^b and wildlife propagation.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM: ≤40		Water contact recreation, b noncontact recreation,
No./100ml	S.V.: ≤250	≤200/400°	municipal or domestic supply, irrigation, wildlife
			propagation and stock watering.
Suspended	A-Avg.: ≤25.0	S.V.: ≤50	Aquatic life. ^b
Solids - mg/l			
Sulfate - mg/l	A-Avg.: ≤85.0		Municipal or domestic supply. ^b
	S.V.: ≤106.0	S.V.: ≤250	
Sodium - SAR	A-Avg.: ≤2.4	A-Avg.: ≤8	Irrigation ^b and municipal or domestic supply.
	S.V.: ≤2.9		

- 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)

STANDARDS OF WATER QUALITY

Lake Tahoe

Control Point: Existing sampling points.

pH Units	
Single Value within range	7.0-8.4
Dissolved Oxygen - Percent of Saturation	
Single Valuenot less than	90.0
Chlorides - mg/l	
	2.0
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 Agenc	y,
Region IX.	
Plankton Count - number per ml	
Average (June through September)not to exceed	100.0
Single Value	500.0
Specific Electrical Conductance micromhos per cm at 20°	
Annual Average not to exceed	95.0
Single Value	105.0
Total Dissolved Solids - mg/l	
Annual Average not more than	60.0
Single Value	70.0

Sulfate - mg/l

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.

Annual Average not more than

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 Valuewithin range 6.5-9.0

Dissolved Oxygen - mg/l

Single Valuenot less than	6.0
Total Phosphates (as P) - mg/l Annual Averagenot more than	0.05
Nitrate (as N) - mg/l Single Value	10.0
Nitrite (as N) - mg/l Single Valuenot more than	0.06
Ammonia-unionized - mg/l Single Value	0.004
Total Suspended Solids - mg/l Single Valuenot more than	25.0
Turbidity - NTU Single Value	10.0
Color - PCU Single Value	75.0

Total Dissolved Solids -	mg/l

Annual Averagenot more than	500.0
I illiudi I i voi deconomico di di con di co	200.0

Chloride - mg/l

Single Valuenot more than 25	0.0
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Sulfate - mg/l

Single Valuenot more than 25	0.0
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Sodium - SAR

Annual Averagenot more than	8.0

Escherichia Coli - No./100ml

Single Value	not more than 1	26	Λ
Single value		40.	v

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	
d Units) s (as N) - , mg/l Solids, ed NTU Solids, mg/l Solids, solids, mg/l Solids, mg/l Solids, mg/l Solids, solids, mg/l Solids, mg/l Solids, mg/l Solids, solids, mg/l Solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, solids, soli	
(as P) - mg/l mg/l Solids, mg/l Solids, mg/l Solids, mg/l Solids, mg/l SV: 1.1 SV: 4.0 SV: 70 no increase SV: 1.1 SV: 4.0 SV: 70 SV: 3.0 no increase SV: 7.0- SV: 0.9 SV: 6.0 SV: 80 SV: N/A SV: 3.0 no increase SV: 80 SV: N/A SV: 3.0 No increase SV: 80 SV: N/A SV: 3.0 No increase SV: 80 SV: 80 AA:	
mg/l	
E. Fork Incline Cr. at Ski Incline *a W. Fork Incline SV: 7.0- SV: 1.1 SV: 4.0 SV: 7.0 AA: 0.4 AA: 2.0 AA: 55 I0 W. Fork Incline SV: 7.0- C. at State Hwy. 8.0 AA: 0.5 AA: 0.5 AA: 5.0 AA: 80 AA: 8.0 AA: 20 Incline Creek at Lakeshore Drive *c E. Fork Third Cr. SV: 7.0- SV: 0.5 SV: 0.5 SV: 80 SV: N/A SV: 3.0 No increase AA: 20 I0 SV: 1.8 SV: 8.0 SV: 85 AA: 70 I0 E. Fork Third Cr. SV: 7.0- SV: SV: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 No increase AA: 1.2 AA: 6.0 AA: 70 I0 SV: 3.0 Incline Creek at AA: 1.2 AA: 6.0 AA: 70 AA: 70 I0 Incline Creek at AA: 1.2 AA: 6.0 AA: 70 AA: 70 II AA: 6.0 AA: 6.0 AA: 70 II AA: 6.0 AA: 6.0	
Cr. at Ski Incline 7.9 AA: 0.4 AA: 2.0 AA: 55 10 *a W. Fork Incline SV: 7.0- SV: 0.9 SV: 6.0 SV: 80 SV: N/A SV: 3.0 no increase C. at State Hwy. 8.0 AA: 0.5 AA: 5.0 AA: 80 AA: 8.0 AA: 20 10 Incline Creek at Lakeshore Drive 8.3 AA: 1.2 AA: 6.0 AA: 70 10 *c E. Fork Third Cr. SV: 7.0- SV: 8V: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	
Cr. at Ski Incline 7.9 AA: 0.4 AA: 2.0 AA: 55 10 *a W. Fork Incline SV: 7.0- SV: 0.9 SV: 6.0 SV: 80 SV: N/A SV: 3.0 no increase C. at State Hwy. 8.0 AA: 0.5 AA: 5.0 AA: 80 AA: 8.0 AA: 20 10 Incline Creek at Lakeshore Drive 8.3 AA: 1.2 AA: 6.0 AA: 70 10 *c E. Fork Third Cr. SV: 7.0- SV: 8V: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	>
*a W. Fork Incline SV: 7.0- SV: 0.9 SV: 6.0 SV: 80 SV: N/A SV: 3.0 no increase no i	
W. Fork Incline SV: 7.0- SV: 0.9 SV: 6.0 SV: 80 SV: N/A SV: 3.0 no increase and increase and increase and increase at State Hwy. C. at State Hwy. 8.0 AA: 0.5 AA: 5.0 AA: 80 AA: 8.0 AA: 20 10 Incline Creek at Lakeshore Drive *c SV: 7.0- SV: 1.8 SV: 8.0 SV: 85 No increase and increase at SV: 7.0- No increase at SV: 7.0- No increase at SV: 7.0- SV: 9.0- SV: 5.0 SV: 80 SV: N/A SV: 3.0 No increase at State Hwy. 431 No increase at State Hwy. 431 AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 AA: 3.0 AA: 65 AA: AA: 2.0 AA: 3.0 AA: 65 AA: 3.0 AA: 3.0 </td <td></td>	
C. at State Hwy. 8.0 AA: 0.5 AA: 5.0 AA: 80 AA: 8.0 AA: 20 10 Incline Creek at Lakeshore Drive *c SV: 7.0- SV: 1.8 SV: 8.0 SV: 85 no increase AA: 70 10 E. Fork Third Cr. SV: 7.0- SV: at State Hwy. 431 SV: 7.0- SV: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase AA: 2.0 10	
A31 *b SV: 1.8 SV: 8.0 SV: 85 no increase	>
Incline Creek at SV: 7.0- SV: 1.8 SV: 8.0 SV: 85 no increase Lakeshore Drive 8.3 AA: 1.2 AA: 6.0 AA: 70 10 *c *C SV: 7.0- SV: 80 SV: N/A SV: 3.0 No increase at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	
Lakeshore Drive 8.3 AA: 1.2 AA: 6.0 AA: 70 10 *c *E. Fork Third Cr. SV: 7.0- SV: SV: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase at State Hwy. 431 8.0 AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	
*c E. Fork Third Cr. SV: 7.0- SV: SV: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	>
E. Fork Third Cr. SV: 7.0- SV: SV: 0.5 SV: 5.0 SV: 80 SV: N/A SV: 3.0 no increase at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	
at State Hwy. 431 8.0 AA: AA: 0.3 AA: 3.0 AA: 65 AA: AA: 2.0 10	
	>
*d 0.045 20.0	
Third Creek at SV: 7.0- SV: 1.4 SV: 5.0 SV: 75 no increase	
Lakeshore Drive 8.4 AA: 1.0 AA: 4.0 AA: 55	
*e	
Wood Creek at SV: 7.0- SV: 0.7 SV: 5.0 SV: 70 no increase	>
Lakeshore Drive 8.2 AA: 0.5 AA: 3.0 AA: 60 10	
*f	
Second Creek at SV: 7.0- SV: 0.3 SV: 5.0 SV: 70 no increase	>
Second Creek Dr. 8.0 AA: 0.2 AA: 3.0 AA: 65 10	

Control Point	рН	Total	Total	Chloride,	Total	Total	Turbidi	Color, PCU
	(Standar	Phosphate	Nitrogen	Dissolved	Dissolved	Suspend	ty,	
	d Units)	S	(as N) -	, mg/l	Solids,	ed	NTU	
		(as P) -	mg/l		mg/l	Solids,		
		mg/l				mg/l		
*g								
Second Creek at	SV: 7.0-		SV: 0.6	SV: 6.0	SV: 80			no increase >
Lakeshore Drive	8.2		AA: 0.3	AA: 3.0	AA: 60			10
*h								
First Creek at	SV: 7.0-	SV:	SV: 0.3	SV: 3.0	SV: 80		SV: 4.0	no increase >
Dale and Knotty	8.1	AA:	AA: 0.2	AA: 2.0	AA: 70		AA: 2.0	10
Pine Dr. *i		0.043						
First Creek at	SV: 7.0-		SV: 0.6	SV: 4.0	SV: 90		SV: 9.0	no increase >
Lakeshore Drive	8.2		AA: 0.3	AA: 3.0	AA: 75		AA: 8.0	10
*j								
Glenbrook Creek	SV: 7.0-	SV: 0.060	SV: 0.5			SV: 22.0		no increase >
*k	8.2	AA: N/A	AA: 0.5			AA:		10
						N/A		
Logan House	SV: 7.0-	SV: 0.035	SV: 0.5			SV: 11.0		no increase >
Creek *1	8.5	AA:	AA: 0.5			AA:		10
		0.035				N/A		
Eagle Rock	SV: 7.0-	SV: 0.050	SV: 0.2			SV: 12.0		no increase >
Creek *m	8.4	AA:	AA: 0.3			AA:		10
		0.045				12.0		
Edgewood Creek	SV: 7.0-	SV: 0.100	SV: 0.6			SV: N/A		no increase >
at	8.4	AA: N/A	AA: 0.6			AA:		10
Palisades Drive						N/A		
*n								
Edgewood Creek	SV: 7.0-	SV: 0.065	SV: 0.4			SV: 17.0		no increase >

Control Point	pН	Total	Total	Chloride,	Total	Total	Turbidi	Color, PCU
	(Standar	Phosphate	Nitrogen	Dissolved	Dissolved	Suspend	ty,	
	d Units)	s	(as N) -	, mg/l	Solids,	ed	NTU	
		(as P) -	mg/l		mg/l	Solids,		
		mg/l				mg/l		
at	8.4	AA: N/A	AA: N/A			AA:		10
Stateline *o						N/A		

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.
- 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.
- 1. 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr.: ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-June _: ≤17°C	the water.
		JulOct. _{: ≤23°C}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	_		Recreation involving contact with the water, ^b
	_	S.V.: 6.5 - 9.0	propagation of wildlife, aquatic life, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg.: ≤.02	A-Avg.: ≤0.05	Aquatic life, ^b recreation involving contact with the
(as P) - mg/l	S.V.; ≤.03	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Nitrate	Nitrate S.V.; ≤10	Municipal or domestic supply, ^b aquatic life, ^b
(N) - mg/l	A-Avg.: ≤1.1	Nitrite S.V.; ≤.06	recreation involving contact with the water,
	S.V.; ≤1.6		watering of livestock, propagation of wildlife and
			recreation not involving contact with the water.
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
		S.V.:	Aquatic life, ^b recreation involving contact with the
Dissolved	_	NovMay: ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct.: ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_	S.V.: ≤25	Aquatic life. ^b
Solids - mg/l	_		
Turbidity - NTU	_	S.V.; ≤10	Aquatic life ^b and municipal or domestic supply.
	_		
		1	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Color - PCU	_	e	Aquatic life ^b and municipal or domestic supply.
Total Dissolved			Municipal or domestic supply, b irrigation and
Solids - mg/l	_	c	watering of livestock.
Alkalinity	_	< 25% change from natural	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	conditions	
Fecal Coliform -	AGM: ≤50		Recreation involving contact with the water, ^b
No./100ml	S.V.; ≤100	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤235	

- 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 30day 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)

STANDARDS OF WATER QUALITY

Colorado River

control point below Hoover Dam. The limits of this table apply from Lake Mohave Inlet to Hoover Dam.

	DECLUBER (EVEC		T
	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovApr. : ≤13°C	Aquatic life ^b and recreation involving contact with
Maximum		May-June : ≤17°C	the water.
		JulOct. _{: ≤23°C}	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units	_		Recreation involving contact with the water, ^b
	_	S.V. : 6.5 - 9.0	propagation of wildlife, b aquatic life, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock, municipal or domestic supply
			and industrial supply.
Total Phosphates	A-Avg. : ≤.02	A-Avg. : ≤0.05	Aquatic life, b recreation involving contact with the
(as P) - mg/l	S.V. : ≤.033	_	water, b municipal or domestic supply and recreation
			not involving contact with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤10	Municipal or domestic supply, ^b aquatic life, ^b
(N) - mg/l	Nitrogen : ≤1.0	Nitrite S.V. : ≤.06	recreation involving contact with the water,
	A-Avg. : ≤1.5		watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
		S.V. :	Aquatic life, b recreation involving contact with the
Dissolved	_	NovMay : ≥6.0	water, propagation of wildlife, watering of
Oxygen - mg/l	_	JunOct. : ≥5.0	livestock, municipal or domestic supply and
			recreation not involving contact with the water.
Suspended	_	S.V. : ≤25	Aquatic life. ^b
Solids - mg/l	_		
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			Municipal or domestic supply, ^b irrigation and
Solids - mg/l	_	c	watering of livestock.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	AGM : ≤50		Recreation involving contact with the water, ^b
No./100ml	S.V. : ≤100	≤200/400 ^d	recreation not involving contact with the water,
			municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤235	

- 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 30day 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

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

	DEOLIDEMENTS TO	WATED OLIALITY	DENIEE CLAI LICEC
	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.194
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Chlorophyll <u>a</u> -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	_	С	Propagation of aquatic life, including,
			without limitation, a warm-water fishery.
Total Dissolved Solids	Flow Weighted Annual		Municipal or domestic supply, or both, and
	Average Concentration		irrigation.
	≤723 mg/l measured	_	
	below Hoover Dam ^d		
Single Value	_	≤1000 mg/l	
Chloride			Municipal or domestic supply, or both,
Single Value	e	≤400 mg/l ^e	watering of livestock and propagation of
			wildlife.
Sulfate			
Single Value	e	≤500 mg/l ^e	Municipal or domestic water supply, or
			both.
Suspended Solids			Propagation of aquatic life, including,
Single Value	_	≤25 mg/l	without limitation, a warm-water fishery,
			and recreation not involving contact with
			water.

	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.194
FARAMETER			
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Nitrogen Species as N			Municipal or domestic supply, or both,
Single Value	Total Inorganic Nitrogen	Nitrate ≤ 10 mg/l	watering of livestock, propagation of
	95% of Samples ≤4.5	Nitrite ≤1 mg/l	aquatic life, including, without limitation, a
	mg/l		warm-water fishery, and propagation of
			wildlife.
Turbidity			Propagation of aquatic life, including,
Single Value	f	≤25 NTU	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			Recreation involving contact with water,
		≤200/400 ^g	irrigation, recreation not involving contact
		MF or MPN/100ml	with water, municipal or domestic supply,
			or both, propagation of wildlife and
			watering of livestock.
E. Coli			Recreation involving contact with water,
30-day Log Mean	_	≤126 MF/100ml	recreation not involving contact with water,
Single Value	_	≤235 MF/100ml	municipal or domestic supply, or both,
			irrigation and watering of livestock.
Color-Pt-Co Units			Recreation not involving contact with water
Single Value	h	_	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

	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.196
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature			Propagation of aquatic life, including,
Single Value	ΔT 0°C ^a	ΔT 2°C ^a	without limitation, a warm-water fishery.
рН			Propagation of aquatic life, including,
Single Value	95% of samples not to	Within Range 6.5-9.0 SU	without limitation, a warm-water fishery,
	exceed 8.9 SU		propagation of wildlife, irrigation, industrial
			supply and watering of livestock.
Dissolved Oxygen			Propagation of aquatic life, including,
Single Value	_	≥5 mg/l	without limitation, a warm-water fishery,
			watering of livestock, recreation not
			involving contact with water and
			propagation of wildlife.

	•	1	
	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.196
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Nitrogen Species as			Propagation of aquatic life, including,
Single Value	Total Inorganic Nitrogen	Nitrate ≤90 mg/l	without limitation, a warm-water fishery,
	95% of Samples ≤5.3	Nitrite ≤5 mg/l	watering of livestock and propagation of
	mg/l		wildlife.
Total Ammonia (as N)-mg/l	_	b	Propagation of aquatic life, including,
			without limitation, a warm-water fishery.
Total Dissolved Solids	С	≤3000 mg/l	Watering of livestock and irrigation.
Single Value			
Suspended Solids			Propagation of aquatic life, including,
Single Value	_	≤25 mg/l	without limitation, a warm-water fishery
			and recreation not involving contact with
			water.
Turbidity			Propagation of aquatic life, including,
Single Value	d	≤25 NTU	without limitation, a warm-water fishery
			and recreation not involving contact with
			water.
Fecal Coliform			Propagation of wildlife, recreation not
MF or MPN/100ml Single	_	e	involving contact with water, irrigation and
Value			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

		1	
	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARD FOR	AS DESIGNATED IN NAC 445A.198
	HIGHER QUALITY	BENEFICIAL USES	(MOST STRINGENT USE LISTED
			FIRST)
Temperature			
Single Value	ΔT 0°C ^a	_	_
pН			Propagation of aquatic life, excluding fish,
Single Value		Within Range 6.5-9.0	propagation of wildlife, irrigation and
		SU	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	Total Inorganic Nitrogen	Nitrate ≤100 mg/l	Watering of livestock and propagation of
Single Value	95% of Samples ≤20	Nitrite ≤10 mg/l	wildlife.
	mg/l		
Total Suspended Solids		≤135 mg/l ^c	Propagation of aquatic life, excluding fish.
Total Dissolved Solids at			Watering of livestock, irrigation and
180°C	95% of samples ≤1900	≤3000 mg/l	maintenance of a freshwater marsh.
Single Value	mg/l		
Fecal Coliform			Recreation not involving contact with
MF or MPN/100ml	_	d	water, propagation of wildlife, irrigation
			and watering of livestock.
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- 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

	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.200
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed Fire

	REQUIREMENTS TO	WATER QUALITY	BENEFICIAL USES
PARAMETER	MAINTAIN EXISTING	STANDARDS FOR	AS DESIGNATED IN NAC 445A.200
	HIGHER QUALITY	BENEFICIAL USES	(Most Stringent Use Listed First)
Temperature			
Single Value	ΔT 0°C ^a	_	_
рН			Propagation of aquatic life, excluding fish,
Single Value		Within Range 6.5-9.0 SU	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	Total Inorganic Nitrogen	Nitrate ≤100 mg/l	Watering of livestock and propagation of
Single Value	95% of Samples ≤17 mg/l	Nitrite ≤10 mg/l	wildlife.
Total Suspended Solids		≤135 mg/l ^c	Propagation of aquatic life, excluding fish.
Trad Direct of Callidary			
Total Dissolved Solids at	050/ 6 1 2400	.2000	Watering of livestock, irrigation and
180°C	95% of samples ≤2400	≤3000 mg/l	maintenance of a freshwater marsh.
Single Value	mg/l		
Fecal Coliform			Recreation not involving contact with water,
MF or MPN/100ml	_	d	propagation of wildlife, irrigation and
			watering of livestock.
P.			

- 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)

STANDARDS OF WATER QUALITY

Humboldt River

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

REQUIREMENTS		
TO MAINTAIN	WATER QUALITY	
EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
QUALITY	BENEFICIAL USES	USES
		Aquatic life (warm-water fishery), ^b and recreation
$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
A-Avg.: 7.0 - 8.3	S.V.: 6.5 - 9.0	Recreation involving contact with the water, ^b
S.V.: 7.0 - 8.5	ΔpH: ±0.5	propagation of wildlife, b aquatic life (warm-water
		fishery), irrigation, watering of livestock, municipal
		or domestic supply and industrial supply.
	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.
A-Avg.: ≤22	S.V. : ≤250	Municipal or domestic supply, b propagation of
S.V. _: ≤25		wildlife, irrigation and watering of livestock.
	AprNov.	Aquatic life (warm-water fishery), b bathing and
_	Seasonal Avg. : ≤0.1	recreation involving contact with the water,
		municipal or domestic supply and recreation not
		involving contact with the water.
Total	Nitrate S.V. : ≤10	Municipal or domestic supply, ^b propagation of
Nitrogen : ≤1.5	Nitrite S.V. : ≤1.0	wildlife, irrigation, watering of livestock and
A-Avg.: ≤2.4		aquatic life (warm-water fishery).
AprNov. S.V		
	TO MAINTAIN EXISTING HIGHER QUALITY $\Delta T = 0^{\circ}C$ A-Avg.: 7.0 - 8.3 S.V.: 7.0 - 8.5 A-Avg.: ≤ 22 S.V.: ≤ 25 Total Nitrogen : ≤ 1.5 A-Avg.: ≤ 2.4	TO MAINTAIN EXISTING HIGHER QUALITY $ \Delta T = 0^{\circ}C $ $ \Delta T \leq 2^{\circ}C $ $ A-Avg.: 7.0 - 8.3 $ $ S.V.: 6.5 - 9.0 $ $ \Delta pH : \pm 0.5 $ $ S.V.: \geq 5.0 $ $ A-Avg.: \leq 22 $ $ S.V.: \leq 25 $ $ AprNov. $ $ Seasonal Avg.: \eq 0.1 $ $ A-Avg.: \eq 2.4 $ $ A-Avg.: \eq 2.4 $ $ A-Avg.: \eq 2.4$

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg.: ≤370	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V.; ≤385		watering of livestock.
Suspended	_	Annual :≤80 ^e	Aquatic life (warm-water fishery). ^b
Solids - mg/l		Median	
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 -	Annual Geometric		Recreation involving contact with the water, ^b
No./100ml	Mean: ≤75	≤200/400°	recreation not involving contact with the water,
	S.V.: ≤200		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -			Aquatic life (warm-water fishery) ^b and recreation
ΔT - Single Value ^a	$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
pH Units	A-Avg.: 7.0 - 8.5	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
Standard Units	S.V.: 7.0 - 8.6	ΔpH: ±0.5	propagation of wildlife, aquatic life (warm-water
			fishery), irrigation, watering of livestock, municipal
			or domestic supply and industrial supply.
Dissolved		S.V. : ≥5.0	Aquatic life (warm-water fishery), b recreation
Oxygen - mg/l	_		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. : ≤250	Municipal or domestic supply, b propagation of
	S.V. ; ≤30		wildlife, irrigation and watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphorus		AprNov.	Aquatic life (warm-water fishery), b bathing and
(as P) - mg/l	_	Seasonal Avg.: ≤0.1	recreation involving contact with the water,
			municipal or domestic supply and recreation not
			involving contact with the water.
Nitrogen species	Total	Nitrate S.V. : ≤10	Municipal or domestic supply, b propagation of
(N) - mg/l	Nitrogen : ≤1.4	Nitrite S.V. : ≤1.0	wildlife, irrigation, watering of livestock, and
	A-Avg. : ≤2.4		aquatic life (warm-water fishery).
	AprNov. S.V.		
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤350	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤400		watering of livestock.
Suspended	_	Annual Media: ≤80 ^e	Aquatic life (warm-water fishery).b
Solids - mg/l			
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), and municipal
			or domestic supply.
Fecal Coliform -	Annual Geometric		Recreation involving contact with the water, ^b
No./100ml	Mean : ≤20	≤200/400c	recreation not involving contact with the water,
	S.V. :≤150		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
E coli - No./100ml			Recreation involving contact with the water, ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -			Aquatic life (warm-water fishery) ^b and recreation
ΔT - Single Value ^a	$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
dpH Units	A-Avg. : 7.0 - 8.4	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
Standard Units	S.V. : 7.0 - 8.6	ΔpH: ±0.5	propagation of wildlife, b aquatic life (warm-water
			fishery), irrigation, watering of livestock,
			municipal or domestic supply and industrial
			supply.
Dissolved			Aquatic life (warm-water fishery), b recreation
Oxygen - mg/l	_	S.V. : ≥5.0	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. : ≤250	Municipal or domestic supply, b propagation of
	S.V. : ≤70		wildlife, irrigation and watering of livestock.
Total Phosphorus		AprNov.	Aquatic life (warm-water fishery), b bathing and
(as P) - mg/l	_	Seasonal : ≤0.1	recreation involving contact with the water,
		Avg.	municipal or domestic supply and recreation not
			involving contact with the water.
Nitrogen species	Total	Nitrate S.V. : ≤10	Municipal or domestic supply, b propagation of
(N) - mg/l	Nitrogen : ≤1.9	Nitrite S.V. : ≤1.0	wildlife, irrigation, watering of livestock and
	A-Avg. : ≤4.0		aquatic life (warm-water fishery).
	AprNov.		
	S.V.		
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Dissolved	A-Avg. : ≤425	A-Avg. : ≤500	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤520		watering of livestock.
Suspended	_	Annual : ≤80 ^e	Aquatic life (warm-water fishery). ^b
Solids - mg/l		Median	
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 -	Annual Geometric		Recreation involving contact with water, ^b
No./100ml	Mean : ≤50	≤200/400°	recreation not involving contact with water,
	S.V. : ≤200		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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)

STANDARDS OF WATER QUALITY

Humboldt River

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

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -			Aquatic life (warm-water fishery) ^b and recreation
ΔT - Single Value ^a	$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
pH Units	A-Avg.: 7.0 - 8.5	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
Standard Units	S.V.: 7.0 - 8.7	ΔpH: ±0.5	propagation of wildlife, b aquatic life (warm-water
			fishery), irrigation, watering of livestock, municipal
			or domestic supply and industrial supply.
Dissolved			Aquatic life (warm-water fishery), b recreation
Oxygen - mg/l	_	S.V. :≥5.0	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. : ≤250	Municipal or domestic supply, b propagation of
	S.V. : ≤110		wildlife, irrigation and watering of livestock.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Total Phosphorus	_	AprNov.	Aquatic life (warm-water fishery), b bathing and
(as P) - mg/l		Seasonal Avg. : ≤0.1	recreation involving contact with the water,
			municipal or domestic supply and recreation not
			involving contact with the water.
Nitrogen species	Total	Nitrate S.V. : ≤10	Municipal or domestic supply, b propagation of
(N) - mg/l	Nitrogen : ≤2.9	Nitrite S.V. ≤ 1.0	wildlife, irrigation, watering of livestock and
	A-Avg. : ≤3.7		aquatic life (warm-water fishery).
	AprNov. S.V		
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤500	A-Avg. : ≤500	Municipal or domestic supply, irrigation and
Solids - mg/l	S.V. : ≤560		watering of livestock.
Suspended	_	Annual : ≤80 ^e	Aquatic life (warm-water fishery).b
Solids - mg/l		Median	
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 -	Annual Geometric		Recreation involving contact with the water, ^b
No./100ml	Mean: ≤40	≤200/400°	recreation not involving contact with the water,
	S.V.: ≤100		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -			Aquatic life (warm-water fishery) ^b and recreation
ΔT - Single Value ^a	$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
pH Units	A-Avg. : 7.0 - 8.5	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
Standard Units	S.V.: 7.0 - 8.7	: ±0.5	propagation of wildlife, b aquatic life (warm-water
			fishery), irrigation, watering of livestock, municipal
			or domestic supply and industrial supply.
Dissolved			Aquatic life (warm-water fishery), b recreation
Oxygen - mg/l	_	S.V. : ≥5.0	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. : ≤250	Municipal or domestic supply, b propagation of
	S.V. _{: ≤85}		wildlife, irrigation and watering of livestock.
Total Phosphorus		AprNov.	Aquatic life (warm-water fishery), b bathing and
(as P) - mg/l	_	Seasonal Avg.: ≤0.1	recreation involving contact with the water,
			municipal or domestic supply and recreation not
			involving contact with the water.
Nitrogen species	Total	Nitrate S.V. : ≤10	Municipal or domestic supply, ^b propagation of
(N) - mg/l	Nitrogen : ≤2.4	Nitrite S.V. : ≤1.0	wildlife, irrigation, watering of livestock and
	A-Avg. : ≤2.9		aquatic life (warm-water fishery).
	AprNov.		
	S.V.		
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	S.V. : ≤590	A-Avg. : ≤500	Municipal or domestic supply, ^b irrigation and
Solids - mg/l			watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Suspended	_	Annual Mediar: ≤80e	Aquatic life (warm-water fishery).b
Solids - mg/l			
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 -	Annual Geometric		Recreation involving contact with the water, ^b
No./100ml	Mean: ≤30	≤200/400°	recreation not involving contact with the water,
	S.V.: ≤150		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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)

STANDARDS OF WATER QUALITY

Humboldt River

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

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -			Aquatic life (warm-water fishery), ^b and recreation
ΔT - Single Value ^a	$\Delta T = 0$ °C	ΔT ≤2°C	involving contact with the water.
pH Units	A-Avg. : 7.0 - 8.9	S.V. : 6.5 - 9.0	Recreation involving contact with the water, ^b
Standard Units	S.V.: 7.0 - 9.0	ΔpH : ±0.5	propagation of wildlife, b aquatic life (warm-water
			fishery), irrigation, watering of livestock, municipal
			or domestic supply and industrial supply.
Dissolved			Aquatic life (warm-water fishery), b recreation
Oxygen - mg/l	_	S.V. : ≥5.0	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. : ≤250	Municipal or domestic supply, ^b propagation of
	S.V. : ≤175		wildlife, irrigation and watering of livestock.
Total Phosphorus	_	AprNov.	Aquatic life (warm-water fishery), b bathing and
(as P) - mg/l		Seasonal Avg. : ≤0.1	recreation involving contact with the water,
			municipal or domestic supply and recreation not
			involving contact with the water.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Nitrogen species	_	Nitrate S.V. : ≤10	Municipal or domestic supply, propagation of
(N) - mg/l		Nitrite S.V. : ≤1.0	wildlife, irrigation, watering of livestock and
			aquatic life (warm-water fishery).
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Total Dissolved	A-Avg. : ≤600	A-Avg. : ≤1000	Municipal or domestic supply, b irrigation and
Solids - mg/l	S.V. : ≤700		watering of livestock.
Suspended	_	Annual Mediaı: ≤80 ^e	Aquatic life (warm-water fishery). ^b
Solids - mg/l			
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 -	Annual Geometric		Recreation involving contact with the water, ^b
No./100ml	Mean: ≤100	≤200/400°	recreation not involving contact with the water,
	S.V.: ≤200		municipal or domestic supply, irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤235	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -		NovJun. : ≤21°C	Aquatic life. ^b
Maximum		JulOct. : ≤32°C	
ΔT^{a}	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Propagation of wildlife, aquatic life, recreation
	_	S.V.: 6.5 - 9.0	not involving contact with the water, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock, municipal or domestic
			supply and industrial supply.
Total Phosphates		A-Avg.: ≤0.1	Aquatic life, b recreation not involving contact with
(as P) - mg/l	_		the water, and municipal or domestic supply.
Nitrogen Species	Total	Nitrate S.V.: ≤10	Municipal or domestic supply, ^b aquatic life,
(N) - mg/l	Nitrogen : ≤1.3	Nitrite S.V. : ≤1.0	recreation involving contact with the water,
	A-Avg. : ≤1.4		watering of livestock, propagation of wildlife and
	S.V.		recreation not involving contact with the water.
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Dissolved		S.V.: ≤5.0	Aquatic life, b recreation not involving contact with
Oxygen - mg/l	_		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			Municipal or domestic supply, b irrigation and
Solids - mg/l	_	С	watering of livestock.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
Fecal Coliform -	_	AGM: ≤1000	Recreation not involving contact with the water, ^b
No./100ml	_	S.V. : ≤2000	municipal or domestic supply, ^b irrigation,
			propagation of wildlife and watering of livestock.
E coli - No./100ml			Recreation not involving contact with the water. ^b
Annual Geometric			
Mean		≤630	

- 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.

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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C-		NovJun. : ≤21°C	Aquatic life. ^b
Maximum		JulOct. : ≤32°C	
ΔT^a	$\Delta T = 0$ °C ^a	ΔT ≤2°C	
pH Units			Propagation of wildlife, aquatic life, recreation
	_	S.V.: 6.5 - 9.0	not involving contact with the water, irrigation,
		ΔpH: ±0.5 Max.	watering of livestock and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.3	Aquatic life ^b and recreation not involving contact
(as P) - mg/l			with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤90	Aquatic life, ^b watering of livestock, propagation
(N) - mg/l	Nitrogen : ≤1.3	Nitrite S.V. : ≤5.0	of wildlife and recreation not involving contact
	A-Avg. : ≤1.8		with the water.
	S.V.		
Total Ammonia	_	f	Aquatic life. ^b
(as N) - mg/l			
Dissolved	_	S.V. : ≥5.0	Aquatic life, b recreation not involving contact
Oxygen - mg/l			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	_	С	Irrigation ^b and watering of livestock.
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	AGM : ≤500	AGM : ≤1000	Recreation not involving contact with the water, ^b
No./100ml	S.V. : ≤1300	S.V. : ≤2000	irrigation, propagation of wildlife and watering of
			livestock.
E coli - No./100ml			Recreation not involving contact with the water. ^b
Annual Geometric			
Mean	_	≤630	

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C -		NovJun. : ≤21°C	Aquatic life. ^b
Maximum		JulOct. : ≤32°C	
ΔT^a	$\Delta T = 0$ °C	ΔT ≤2°C	
pH Units			Propagation of wildlife, ^b aquatic life, ^b recreation
	_	S.V. : 6.5 - 9.0	not involving contact with the water, irrigation,
		ΔpH : ±0.5 Max.	watering of livestock and industrial supply.
Total Phosphates	_	A-Avg. : ≤0.1	Aquatic life ^b and recreation not involving contact
(as P) - mg/l			with the water.
Nitrogen Species	Total	Nitrate S.V. : ≤90	Aquatic life, ^b watering of livestock, propagation of
(N) - mg/l	Nitrogen : ≤2.0	Nitrite S.V. : ≤5.0	wildlife and recreation not involving contact with
	A-Avg. : ≤3.3		the water.
	S.V.		
Total Ammonia		f	Aquatic life. ^b
(as N) - mg/l			
Dissolved	_	S.V. ; ≥5.0	Aquatic life, b recreation not involving contact with
Oxygen - mg/l			the water, propagation of wildlife and watering of
			livestock.
Turbidity - NTU	_	e	Aquatic life. ^b
Color - PCU	_	d	Aquatic life. ^b
Total Dissolved			Irrigation ^b and watering of livestock.
Solids - mg/l	_	c	
Alkalinity		< 25% change from	Aquatic life ^b and propagation of wildlife.
(as CaCO ₃) - mg/l	_	natural conditions	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	_	AGM : ≤1000	Recreation not involving contact with the water, ^b
No./100ml	_	S.V. : ≤2000	irrigation, propagation of wildlife and watering of
			livestock.
E coli - No./100ml			Recreation not involving contact with the water. ^b
Annual Geometric			
Mean	_	≤630	

- 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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <13°	the water.
ΔT°Cª	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) - mg/l	_	<0.1	water, municipal and domestic supply and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(N) - mg/l	Nitrate S.V. <1.0	Nitrite S.V. <0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <185	S.V. <500	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml		<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <13°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. <0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <250	S.V. <500	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.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life, and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml	S.V. <90	<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation, and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤ 410	
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <13°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <250	S.V. <500	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.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml		<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤ 410	
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	> 6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation, watering
Solids - mg/l	S.V. <200	S.V. <500	of livestock.
Chlorides - mg/l	S.V. <6.0	S.V. <250	Municipal and domestic supply, propagation of
			wildlife, irrigation and watering of livestock.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml	S.V. <100	<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤ 410	
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	S.V. <0.05	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. <0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <65	S.V. <500	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.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -			Recreation involving contact with the water,
No./100ml	S.V. <10	<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	< <u>410</u>	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C	$\Delta T = 0^{\circ}$	May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
ΔT°C ^a		ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	S.V. <0.05	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	> 6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <80	S.V. <500	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.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml		<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <180	S.V. <500	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.
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	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml	S.V. <80	<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤ 410	
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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
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PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <200	S.V. <500	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.
	<u> </u>	+	<u> </u>

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml		<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤410	
Color		С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
			DENEELCIAI
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <7°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and
			recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and
			recreation not involving contact with the water.
Total Ammonia	_	d	Aquatic life.
(as N) - mg/l			
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
			livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <250	S.V. <500	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.
<u></u>	!	+	+

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Alkalinity	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml	S.V. <125	<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric			recreation not involving contact with the water.
Mean	_	≤126	
Single Value	_	≤ 410	
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct <21°	Aquatic life, water contact recreation.
Maximum (a)		Nov-Apr <7°	
ΔT°C	$\Delta T = 0^{\circ}$	ΔT <1°	
pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply, water
			contact recreation.
Total Phosphorus			Aquatic life, water contact recreation, municipal
(as P) in mg/l	_	<0.1	and domestic supply, noncontact recreation.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life, water
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. <0.06	contact recreation, noncontact recreation.
		Ammonia S.V. <0.02	
		(un-ionized)	
Dissolved			Aquatic life, water contact recreation, wildlife
Oxygen in mg/l	_	>6.0	propagation, stock watering, municipal and
			domestic supply, noncontact recreation.
Suspended			Aquatic life, municipal and domestic supply.
Solids - mg/l	_	S.V. <25	
Turbidity - NTU	_	S.V. <10	Aquatic life, municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation, stock
Solids - mg/l	S.V. <240	S.V. <500	watering.
Chlorides - mg/l	S.V. <11.0	S.V. <250	Municipal and domestic supply, wildlife
			propagation, irrigation, stock watering.
Alkalinity	_	<25% change from	Aquatic life, wildlife propagation.
(as CO ₃) - mg/l		natural conditions	

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Fecal Coliform -	_		Water contact recreation, noncontact recreation,
No./100ml		<200/400 ^b	municipal and domestic supply, irrigation, wildlife
			propagation.
Color	_	С	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.

	REQUIREMENTS		
	TO MAINTAIN	WATER QUALITY	
	EXISTING HIGHER	STANDARDS FOR	BENEFICIAL
PARAMETER	QUALITY	BENEFICIAL USES	USES
Temperature °C		May-Oct. <21°	Aquatic life and recreation involving contact with
Maximum		NovApr. <13°	the water.
$\Delta T^{\circ}C^{a}$	$\Delta T = 0^{\circ}$	ΔT <1°	

pH Units	ΔpH ±0.5	6.5 - 9.0	Aquatic life, municipal and domestic supply and recreation involving contact with the water.
Total Phosphorus			Aquatic life, recreation involving contact with the
(as P) in mg/l	_	<0.1	water, municipal and domestic supply, and
			recreation not involving contact with the water.
Nitrogen Species		Nitrate S.V. <10	Municipal and domestic supply, aquatic life,
(as N) in mg/l	Nitrate S.V. <1.0	Nitrite S.V. < 0.06	recreation involving contact with the water and recreation not involving contact with the water.
Total Ammonia		d	Aquatic life.
(as N) - mg/l		u	7 Aquato III c.
Dissolved			Aquatic life, recreation involving contact with the
Oxygen in mg/l	_	>6.0	water, propagation of wildlife, watering of
oxygen in ing/		0.0	livestock, municipal and domestic supply, and
			recreation not involving contact with the water.
Suspended			Aquatic life, and municipal and domestic supply.
Solids - mg/l	_	S.V. <25	dunia di
Turbidity - NTU	_	S.V. <10	Aquatic life, and municipal and domestic supply.
Total Dissolved			Municipal and domestic supply, irrigation and
Solids - mg/l	S.V. <280	S.V. <500	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	_	<25% change from	Aquatic life and propagation of wildlife.
(as CO ₃) - mg/l		natural conditions	
Fecal Coliform -	_		Recreation involving contact with the water,
No./100ml		<200/400 ^b	recreation not involving contact with the water,
			municipal and domestic supply, irrigation and
			propagation of wildlife.
E coli - No./100ml			Recreation involving contact with the water ^b and
Annual Geometric	_	≤126	recreation not involving contact with the water.
Mean	_	≤410	

Single Value			
Color	_	С	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.