

**PROPOSED REGULATION OF THE  
STATE ENVIRONMENTAL COMMISSION**

**LCB File No. R129-10**

August 11, 2010

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

AUTHORITY: §§1-13, NRS 445A.425 and 445A.520.

A REGULATION relating to water quality; establishing separate water quality standards for the Humboldt Sink and a portion of Murray Creek; revising the water quality standards for E. coli in Steamboat Creek, Lagomarisino Creek and a portion of Murray Creek; repealing the water quality standards established for the Quinn River within the Fort McDermitt Indian Reservation; 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 and 3 of this regulation.

**Sec. 2.** *The limits of this table apply to the body of water known as the Humboldt Sink.*

*This segment of the Humboldt Sink is located in Churchill and Pershing Counties.*

***STANDARDS OF WATER QUALITY***

***The Humboldt Sink***

<i>PARAMETER</i>	<i>REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY</i>	<i>WATER QUALITY STANDARDS FOR BENEFICIAL USES</i>	<i>Beneficial Use<sup>a</sup></i>											
			<i>Livestock</i>	<i>Irrigation</i>	<i>Aquatic</i>	<i>Contact</i>	<i>Noncontact</i>	<i>Municipal</i>	<i>Industrial</i>	<i>Wildlife</i>	<i>Aesthetic</i>	<i>Enhance</i>	<i>Marsh</i>	
<i>Beneficial Uses</i>			X	X	X		X		X	X				
<i>Aquatic Life Species of Concern</i>														
<i>pH - SU</i>		<i>S.V. 6.0 - 9.0</i>	X	X	*				X	*				

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
Dissolved Oxygen - mg/l		S.V. $\geq 3.0$	X		*		X			X				
Total Ammonia (as N) - mg/l		<sup>b</sup>			*									
E. coli - No./100 ml		A.G.M. $\leq 630$					*							

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 59 of LCB File No. R160-06 for beneficial use terminology.

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

**Sec. 3.** *The limits of this table apply to the body of water known as Murray Creek from Crawford Street 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 from Crawford Street

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>											
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh	
<b>Beneficial Uses</b>			X	X	X		X		X	X				
<b>Aquatic Life Species of Concern</b>														
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*				
Dissolved Oxygen - mg/l		S.V. $\geq 3.0$	X		*		X			X				

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>d</sup>												
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Total Ammonia (as N) - mg/l		<i>b</i>			*										
E. coli - No./100 ml		A.G.M. ≤ 630						*							

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 223 of LCB File No. R160-06 for beneficial use terminology.

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

**Sec. 4.** Section 11 of this regulation is hereby amended to read as follows:

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

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Smoke Creek	Approximately 30 miles east of Susanville, California.															section 13 of this regulation
Squaw Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X	X					Trout	section 14 of this regulation
Negro Creek	From its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M.	X	X	X	X	X	X		X							section 15 of this regulation
Summit Lake	The entire lake.	X	X	X	X	X	X	X	X						Trout	section 16 of this regulation
Mahogany Creek	From its origin to Summit Lake.	X	X	X	X	X	X		X							section 17 of this regulation
Leonard Creek	From its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M.	X	X	X	X	X	X		X							section 18 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh					
Bilk Creek, upper	From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M.	X	X	X	X	X	X		X								section 19 of this regulation
Bilk Creek at Bilk Creek Reservoir	From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir.	X	X	X	X	X	X	X	X	X					Trout		section 20 of this regulation
Bilk Creek Reservoir	The entire reservoir.	X	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, East and South Forks	From their origin to the confluence of the East and South Forks <del>§</del> , <i>except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.</i>	X	X	X	X	X	X		X								section 23 of this regulation
<del>[Quinn River at Fort McDermitt Reservation</del>	<del>From the point of the confluence of the East and South Forks to the Fort McDermitt Indian Reservation diversion dam.</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>					<del>Trout</del>		<del>section 24 of this regulation]</del>
Quinn River (The Slough)	From the <del>[Idaho]</del> Oregon -Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M <del>§</del> , <i>except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.</i>	X	X	X		X		X	X								section 25 of this regulation
Irrigation	Irrigation																
Livestock	Watering of livestock																
Contact	Recreation involving contact with the water																
Noncontact	Recreation not involving contact with the water																
Industrial	Industrial supply																
Municipal	Municipal or domestic supply, or both																
Wildlife	Propagation of wildlife																
Aquatic	Propagation of aquatic life																
Aesthetic	Waters of extraordinary ecological or aesthetic value																
Enhance	Enhancement of water quality																
Marsh	Maintenance of a freshwater marsh																

**Sec. 5.** Section 23 of LCB File No. R160-06 is hereby amended to read as follows:

Sec. 23. The limits of this table apply to the body of water known as the East and South Forks of the Quinn River from their origin to the confluence of the East and South Forks ~~H~~, *except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.* This segment of the East and South Forks of the Quinn River is located in Humboldt County.

### STANDARDS OF WATER QUALITY

Quinn River ~~[, East and South Forks]~~

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

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			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 <sup>d</sup>	X	X		*	X	X		X					

\* = The most restrictive beneficial use.

X = Beneficial use.

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

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

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

<sup>d</sup> Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during 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.** Section 25 of LCB File No. R160-06 is hereby amended to read as follows:

Sec. 25. The limits of this table apply to the body of water known as the Quinn River from the ~~Idaho~~ Oregon-Nevada state line in section 31, T. 48 N., R. 38 E., M.D.B. & M., to the confluence with the main tributary of the Quinn River at the south line of section 17, T. 47 N., R. 38 E., M.D.B. & M. , *except for the length of the river within the exterior borders of the Fort McDermitt Indian Reservation.* This segment of the Quinn River is located in Humboldt County.

## STANDARDS OF WATER QUALITY

### Quinn River (The Slough)

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

\* = The most restrictive beneficial use.

X = Beneficial use.

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

**Sec. 7.** Section 59 of LCB File No. R160-06 is hereby amended to read as follows:

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

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Humboldt River near Osino	From the upstream source of the main stem to Osino.	X	X	X	X	X	X	X	X						Warm-water fishery	section 61 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Humboldt River at Palisade	From Osino to the Palisade Gage.	X	X	X	X	X	X	X	X	X					Warm-water fishery	section 62 of this regulation
Humboldt River at Battle Mountain	From the Palisade Gage to the Battle Mountain Gage.	X	X	X	X	X	X	X	X	X					Warm-water fishery	section 63 of this regulation
Humboldt River at State Highway 789	From the Battle Mountain Gage to where State Highway 789 crosses the Humboldt River.	X	X	X	X	X	X	X	X	X					Warm-water fishery	section 64 of this regulation
Humboldt River at Imlay	From the Comus Gage to Imlay.	X	X	X	X	X	X	X	X	X					Warm-water fishery	section 65 of this regulation
Humboldt River at Woolsey	From Imlay to Woolsey.	X	X	X	X	X	X	X	X	X					Warm-water fishery	section 66 of this regulation
Humboldt River at Rogers Dam	From Woolsey to Rodgers Dam.	X	X	X	X	X	X	X	X	X						section 67 of this regulation
Humboldt River at the Humboldt Sink	From Rodgers Dam to <del>the</del> <b>and including,</b> the Humboldt Sink.	X	X	X		X		X	X							section 68 of this regulation
<b><i>The Humboldt Sink</i></b>	<b><i>The Humboldt Sink</i></b>	<b><i>X</i></b>	<b><i>X</i></b>	<b><i>X</i></b>		<b><i>X</i></b>		<b><i>X</i></b>	<b><i>X</i></b>							<b><i>section 2 of LCB File R129-10</i></b>
Humboldt River, North Fork and tributaries at the national forest boundary	From their origin in the Independence Mountain Range to the national forest boundary.	X	X	X	X	X	X		X							section 69 of this regulation
Humboldt River, North Fork at Beaver Creek	From the national forest boundary to its confluence with Beaver Creek.	X	X	X	X	X	X	X	X						Trout	section 70 of this regulation
Humboldt River, North Fork at the Humboldt River	From its confluence with Beaver Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X							section 71 of this regulation
Humboldt River, South Fork and tributaries at Lee	From their origin to Lee.	X	X	X	X	X	X		X							section 72 of this regulation
Humboldt River, South Fork at the Humboldt River	From Lee to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						Trout	section 73 of this regulation
Little Humboldt River	The entire length.	X	X	X	X	X	X	X	X							section 74 of this regulation
Little Humboldt River, North Fork at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 75 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh					
Little Humboldt River, North Fork at the South Fork of the Little Humboldt River	From the national forest boundary to its confluence with the South Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X	X							section 76 of this regulation
Little Humboldt River, South Fork at the Elko-Humboldt county line	From its origin to the Elko-Humboldt county line.	X	X	X	X	X	X		X								section 77 of this regulation
Little Humboldt River, South Fork at the North Fork of the Little Humboldt River	From the Elko-Humboldt county line to its confluence with the North Fork of the Little Humboldt River.	X	X	X	X	X	X	X	X								section 78 of this regulation
Mary's River, upper	From its origin to the point where the river crosses the east line of T. 42 N., R. 59 E., M.D.B. & M.	X	X	X	X	X	X		X								section 79 of this regulation
Mary's River at the Humboldt River	From the east line of T. 42 N., R. 59 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						Trout		section 80 of this regulation
Tabor Creek	From its origin to the east line of T. 40 N., R. 60 E., M.D.B. & M.	X	X	X	X	X	X		X								section 81 of this regulation
Maggie Creek Tributaries	From their origin to the point where they become Maggie Creek or the point of their confluence with Maggie Creek.	X	X	X	X	X	X		X								section 82 of this regulation
Maggie Creek at Jack Creek	From where it is formed by the Maggie Creek tributaries to its confluence with Jack Creek.	X	X	X	X	X	X	X	X						Trout		section 83 of this regulation
Maggie Creek at Soap Creek	From its confluence with Jack Creek to its confluence with Soap Creek.	X	X	X	X	X	X	X	X						Trout		section 84 of this regulation
Maggie Creek at the Humboldt River	From its confluence with Soap Creek to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X								section 85 of this regulation
Secret Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X								section 86 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference	
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh			
Secret Creek at the Humboldt River	From the national forest boundary to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X					Trout	section 87 of this regulation
Lamoille Creek at the gaging station	From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M.	X	X	X	X	X	X		X						section 88 of this regulation
Lamoille Creek at the Humboldt River	From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						section 89 of this regulation
J.D. Ponds	The entire area.	X	X	X	X	X	X	X	X						section 90 of this regulation
Denay Creek at Tonkin Reservoir	From its origin to Tonkin Reservoir.	X	X	X	X	X	X		X						section 91 of this regulation
Tonkin Reservoir	The entire reservoir.	X	X	X	X	X	X		X						section 92 of this regulation
Denay Creek below Tonkin Reservoir	Below Tonkin Reservoir.	X	X	X	X	X	X	X	X						section 93 of this regulation
Rock Creek at Squaw Valley Ranch	From its origin to Squaw Valley Ranch.	X	X	X	X	X	X		X						section 94 of this regulation
Rock Creek below Squaw Valley Ranch	Below Squaw Valley Ranch.	X	X	X	X	X	X	X	X						section 95 of this regulation
Willow Creek	From its origin to Willow Creek Reservoir.	X	X	X	X	X	X		X						section 96 of this regulation
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout	section 97 of this regulation
Pole Creek	From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M.	X	X	X	X	X	X		X						section 98 of this regulation
Water Canyon Creek	From its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M.	X	X	X	X	X	X		X						section 99 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference			
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh					
Martin Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X								section 100 of this regulation
Martin Creek below the national forest boundary	From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M.	X	X	X	X	X	X	X	X							Trout	section 101 of this regulation
Dutch John Creek	The entire length.	X	X	X	X	X	X		X								section 102 of this regulation
Huntington Creek at the White Pine-Elko county line	From its origin to the White Pine-Elko county line.	X	X	X	X	X	X		X								section 103 of this regulation
Huntington Creek at Smith Creek	From the White Pine-Elko county line to its confluence with Smith Creek.	X	X	X	X	X	X	X	X							Trout	section 104 of this regulation
Huntington Creek at the South Fork of the Humboldt River	From its confluence with Smith Creek to its confluence with the South Fork of the Humboldt River.	X	X	X	X	X	X	X	X								section 105 of this regulation
Green Mountain Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X								section 106 of this regulation
Green Mountain Creek at Corral Creek	From the national forest boundary to its confluence with Corral Creek.	X	X	X	X	X	X	X	X							Trout	section 107 of this regulation
Toyn Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X								section 108 of this regulation
Reese Creek at Indian Creek	From its origin to its confluence with Indian Creek.	X	X	X	X	X	X		X								section 109 of this regulation
Reese River at State Route 722	From its confluence with Indian Creek to State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X							Trout	section 110 of this regulation
Reese River below State Route 722	North of State Route 722 (old U.S. Highway 50).	X	X	X	X	X	X	X	X								section 111 of this regulation
San Juan Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X								section 112 of this regulation
Big Creek at the forest service campground	From its origin to the east boundary of the United States Forest Service's Big Creek Campground.	X	X	X	X	X	X		X								section 113 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Big Creek below the forest service campground	From the east boundary of the United States Forest Service's Big Creek Campground to the first diversion dam, near the west line of section 4, T. 17 N., R. 43 E., M.D.B. & M.	X	X	X	X	X	X	X	X						Trout	section 114 of this regulation
Mill Creek	From its origin to the first point of diversion, near the south line of section 22, T. 29 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X		X							section 115 of this regulation
Lewis Creek	From its origin to the first point of diversion, near the center of section 23, T. 30 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X		X							section 116 of this regulation
Iowa Canyon Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X						Trout	section 117 of this regulation
Starr Creek	From the confluence of Ackler and Herder Creeks to its confluence with the Humboldt River.	X	X	X	X	X	X	X	X						Trout	section 118 of this regulation
Irrigation	Irrigation															
Livestock	Watering of livestock															
Contact	Recreation involving contact with the water															
Noncontact	Recreation not involving contact with the water															
Industrial	Industrial supply															
Municipal	Municipal or domestic supply, or both															
Wildlife	Propagation of wildlife															
Aquatic	Propagation of aquatic life															
Aesthetic	Waters of extraordinary ecological or aesthetic value															
Enhance	Enhancement of water quality															
Marsh	Maintenance of a freshwater marsh															

**Sec. 8.** Section 68 of LCB File No. R160-06 is hereby amended to read as follows:

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

## STANDARDS OF WATER QUALITY

### Humboldt River at the Humboldt Sink

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X		X		X	X					
Aquatic Life Species of Concern															
pH - SU		S.V. 6.0 - 9.0	X	X	*					X	*				
Dissolved Oxygen - mg/l		S.V. $\geq$ 3.0	X		*		X			X					
Total Ammonia (as N) - mg/l		b			*										
E coli - No./100 ml		AGM $\leq$ <del>630</del> 126 <i>S.V. 576</i>					*								

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 59 of this regulation for beneficial use terminology.

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

**Sec. 9.** Section 154 of LCB File No. R160-06 is hereby amended to read as follows:

Sec. 154. The limits of this table apply to the body of water known as Steamboat Creek from gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M., to its confluence with the Truckee River. This segment of Steamboat Creek is located in Washoe County.

# STANDARDS OF WATER QUALITY

## Steamboat Creek at the Truckee River

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X		X		X	X					
Aquatic Life Species of Concern															
pH - SU		S.V. 6.0 - 9.0	X	X	*					X	*				
Dissolved Oxygen - mg/l		S.V. $\geq$ 3.0	X		*		X				X				
Total Ammonia (as N) - mg/l		b			*										
E coli - No./100 ml		AGM $\leq$ <del>630</del> 126 <i>S.V. 576</i>						*							

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

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

**Sec. 10.** Section 168 of LCB File No. R160-06 is hereby amended to read as follows:

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

# STANDARDS OF WATER QUALITY

## Lagomarsino Creek

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X		X		X	X					
Aquatic Life Species of Concern															
pH - SU		S.V. 6.0 - 9.0	X	X	*					X	*				
Dissolved Oxygen - mg/l		S.V. $\geq$ 3.0	X		*		X				X				
Total Ammonia (as N) - mg/l		b			*										
E coli - No./100 ml		AGM $\leq$ <del>1630</del> 126  S.V. 576						*							

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 121 of this regulation for beneficial use terminology.

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

**Sec. 11.** Section 223 of LCB File No. R160-06 is amended to read as follows:

Sec. 223. The designated beneficial uses for select bodies of water within the Central Region are prescribed in this section:

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Chiatovich Creek	Above the highway maintenance station.	X	X	X	X	X	X	X	X							section 225 of this regulation
Indian Creek	Above the center of section 9, T. 2 S., R. 34 E., M.D.B. & M.	X	X	X	X	X	X	X	X							section 226 of this regulation
Leidy Creek	Above the hydroelectric plant.	X	X	X	X	X	X	X	X							section 227 of this regulation
Fish Lake	The entire lake.	X	X	X	X	X	X	X	X							section 228 of this regulation
Star Creek	From its origin to the first point of diversion, near the west line of T. 31 N., R. 34 E., M.D.B. & M.	X	X	X	X	X	X		X							section 229 of this regulation
Willow Creek Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout		section 230 of this regulation
Peavine Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X							section 231 of this regulation
Jett Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 232 of this regulation
Twin River, South Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X							section 233 of this regulation
Twin River, North Fork	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X							section 234 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Kingston Creek at Groves Lake	From its origin to Groves Lake.	X	X	X	X	X	X		X							section 235 of this regulation
Groves Lake	The entire lake.	X	X	X	X	X	X	X	X					Trout		section 236 of this regulation
Kingston Creek below Groves Lake	Below Groves Lake.	X	X	X	X	X	X	X	X					Trout		section 237 of this regulation
Birch Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 238 of this regulation
Birch Creek below the national forest boundary	From the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M.	X	X	X	X	X	X	X	X					Trout		section 239 of this regulation
Skull Creek	From its origin to the first point of diversion, near the east line of T. 21 N., R. 45 E., M.D.B. & M.	X	X	X	X	X	X		X							section 240 of this regulation
Steiner Creek	From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M.	X	X	X	X	X	X		X							section 241 of this regulation
Pine Creek (Nye County)	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 242 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Barley Creek	From its origin to the first point of diversion, near the national forest boundary.	X	X	X	X	X	X		X							section 243 of this regulation
Mosquito Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 244 of this regulation
Stoneberger Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 245 of this regulation
Roberts Creek at Roberts Creek Reservoir	From its origin to Roberts Creek Reservoir.	X	X	X	X	X	X		X							section 246 of this regulation
Roberts Creek below Roberts Creek Reservoir	Below Roberts Creek Reservoir.	X	X	X	X	X	X	X	X							section 247 of this regulation
Fish Springs Pond	The entire pond.	X	X	X	X	X	X	X	X					Trout		section 248 of this regulation
Illipah Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout		section 249 of this regulation
Ruby Marsh	The entire area.	X	X	X	X	X	X	X	X					Trout		section 250 of this regulation
Angel Lake	The entire lake.	X	X	X	X	X	X		X							section 251 of this regulation
Pole Canyon Creek	From its origin to where it becomes Franklin River.	X	X	X	X	X	X		X							section 252 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Goshute Creek	From its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M.	X	X	X	X	X	X		X							section 253 of this regulation
Gleason Creek at State Highway 485	From its origin to State Highway 485 (old State Highway 44).	X	X	X	X	X	X	X	X	X						section 254 of this regulation
Gleason Creek at Murray Creek	From State Highway 485 (old State Highway 44) to its confluence with Murray Creek.	X	X	X		X		X	X							section 255 of this regulation
Murray Creek to Crawford Street	From its confluence with Gleason Creek to <del>the south line of section 35, T. 17 N., R. 63 E., M.D.B. &amp; M.]</del> <i>Crawford Street</i>	X	X	X		X		X	X							section 256 of this regulation
<i>Murray Creek from Crawford Street</i>	<i>From Crawford Street to the south line of section 35, T. 17 N., R. 63 E., M.D.B. &amp; M.</i>	X	X	X		X		X	X							<i>section 3 of LCB File R129-10</i>
Comins Reservoir	The entire reservoir.	X	X	X	X	X	X	X	X					Trout	section 257 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		X							section 258 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
East Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X							section 259 of this regulation
Bird Creek	From its origin to the pipeline intake, near Bird Creek Campground.	X	X	X	X	X	X		X							section 260 of this regulation
Timber Creek	From its origin to the pipeline intake, near the west line of section 27, T. 18 N., R. 65 E., M.D.B. & M.	X	X	X	X	X	X		X							section 261 of this regulation
Berry Creek	From its origin to the pipeline intake, near the national forest boundary.	X	X	X	X	X	X		X							section 262 of this regulation
Duck Creek	From its origin to the pipeline intake, near the center of section 24, T. 18 N., R. 64 E., M.D.B. & M.	X	X	X	X	X	X		X							section 263 of this regulation
Cleve Creek	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 264 of this regulation
Cave Creek	Its entire length.	X	X	X	X	X	X		X							section 265 of this regulation
Cave Lake	The entire lake.	X	X	X	X	X	X	X	X					Trout		section 266 of this regulation

Water Body Name	Segment Description	Beneficial Uses											Aquatic Species of Concern	Water Quality Standard NAC Reference		
		Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh				
Pine Creek (White Pine County)	From its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M.	X	X	X	X	X	X		X							section 267 of this regulation
Ridge Creek	From its origin to the first point of diversion, near the west line of section 17, T. 13 N., R. 68 E., M.D.B. & M.	X	X	X	X	X	X		X							section 268 of this regulation
Currant Creek at the national forest boundary	From its origin to the national forest boundary.	X	X	X	X	X	X		X							section 269 of this regulation
Currant Creek at Currant	From the national forest boundary to Currant.	X	X	X	X	X	X	X	X							section 270 of this regulation
Irrigation	Irrigation															
Livestock	Watering of livestock															
Contact	Recreation involving contact with the water															
Noncontact	Recreation not involving contact with the water															
Industrial	Industrial supply															
Municipal	Municipal or domestic supply, or both															
Wildlife	Propagation of wildlife															
Aquatic	Propagation of aquatic life															
Aesthetic	Waters of extraordinary ecological or aesthetic value															
Enhance	Enhancement of water quality															
Marsh	Maintenance of a freshwater marsh															

**Sec. 12.** Section 256 of LCB File No. R160-06 is hereby amended to read as follows:

Sec. 256. The limits of this table apply to the body of water known as Murray Creek from its confluence with Gleason Creek to ~~the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.] Crawford Street.~~ Murray Creek is located in White Pine County.

### STANDARDS OF WATER QUALITY

#### Murray Creek *to Crawford Street*

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			Livestock	Irrigation	Aquatic	Contact	Noncontact	Municipal	Industrial	Wildlife	Aesthetic	Enhance	Marsh		
Beneficial Uses			X	X	X		X		X	X					
Aquatic Life Species of Concern															
pH - SU		S.V. 6.0 - 9.0	X	X	*				X	*					
Dissolved Oxygen - mg/l		S.V. $\geq$ 3.0	X		*		X			X					
Total Ammonia (as N) - mg/l		b			*										
E coli - No./100 ml		AGM $\leq$ <del>630</del> 126 <i>S.V. 576</i>					*								

\* = The most restrictive beneficial use.

X = Beneficial use.

<sup>a</sup> Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.

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

**Sec. 13.** Section 24 of LCB File No. R160-06 is hereby repealed.

**TEXT OF REPEALED SECTION**

**Section 24 of LCB File No. R160-06:**

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

**STANDARDS OF WATER QUALITY**

**Quinn River at the Fort McDermitt Reservation**

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	Beneficial Use <sup>a</sup>												
			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			Trout.												
Temperature - °C		S.V. ≤ 20			*	X									
ΔT <sup>b</sup> - °C		ΔT = 0													
pH - SU		S.V. 6.5 - 9.0	X	X	*	*		X	X		*				
Total Phosphorous (as P) - mg/l		S.V. ≤ 0.10			*	*	X	X							
Dissolved Oxygen - mg/l		S.V. ≥ 6.0	X		*	X	X	X			X				

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

\* = The most restrictive beneficial use.

X = Beneficial use.

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

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

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

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