

**REVISED PROPOSED REGULATION OF THE
STATE ENVIRONMENTAL COMMISSION**

LCB File No. R129-10

November 3, 2010

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

AUTHORITY: §§1-14, 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 Murry Creek; revising the water quality standards for E. coli in Steamboat Creek, Lagomarsino Creek and a portion of Murry 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.*

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^a</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> | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

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

* = The most restrictive beneficial use.

X = Beneficial use.

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

^b 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 Murry Creek from Crawford Street to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M. This segment of Murry Creek is located in White Pine County.*

STANDARDS OF WATER QUALITY

Murry Creek below Crawford Street

| PARAMETER | REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY | WATER QUALITY STANDARDS FOR BENEFICIAL USES | Beneficial Use ^a | | | | | | | | | |
|-----------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance |

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

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

Sec. 4. Section 11 of LCB File No. R160-06 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 | | | | | Trout | | section 14 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 | | | | | |
| Negro Creek | From its origin to the first irrigation diversion, near the west line of section 28, T. 36 N., R. 23 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | | section 15 of this regulation |
| Summit Lake | The entire lake. | X | X | X | X | X | X | X | X | | | | | | Trout | | section 16 of this regulation |
| Mahogany Creek | From its origin to Summit Lake. | X | X | X | X | X | X | | X | | | | | | | | section 17 of this regulation |
| Leonard Creek | From its origin to the first point of diversion, near the south line of section 12, T. 42 N., R. 28 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | | section 18 of this regulation |
| Bilk Creek, upper | From its origin to its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | | section 19 of this regulation |
| Bilk Creek at Bilk Creek Reservoir | From its intersection with the south line of section 35, T. 45 N., R. 32 E., M.D.B. & M., to Bilk Creek Reservoir. | X | X | X | X | X | X | X | X | | | | | | Trout | | section 20 of this regulation |
| Bilk Creek Reservoir | The entire reservoir. | X | X | X | X | X | X | X | X | | | | | | Trout | | section 21 of this regulation |
| 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 to , <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 |
| [Quinn River at Fort McDermitt Reservoir | From the point of the confluence of the East and South Forks to the Fort McDermitt Indian Reservation diversion dam. | X | X | X | X | X | X | X | X | | | | | | Trout | | section 24 of this regulation] |

| 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 | | | | |
| Quinn River (The Slough) | From the Hdaho 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. , <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 ^a | | | | | | | | | | | | |
|---------------------------------------|---|--|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | |
| Beneficial Uses | | | X | X | X | X | X | X | | X | | | | | |
| Aquatic Life Species of Concern | | | | | | | | | | | | | | | |
| Temperature - °C ΔT^b - °C | | S.V. ≤ 20 $\Delta T = 0$ | | | * | X | | | | | | | | | |
| pH - SU | | S.V. 6.5 - 9.0 | X | X | * | * | | X | | * | | | | | |
| Total Phosphorous (as P) - mg/l | | S.V. ≤ 0.10 | | | * | * | X | X | | | | | | | |
| Dissolved Oxygen - mg/l | | S.V. ≥ 6.0 | X | | * | X | X | X | | X | | | | | |
| Total Ammonia (as N) - mg/l | | ^c | | | * | | | X | | | | | | | |
| Total Dissolved Solids - mg/l | | S.V. ≤ 500 or the 95th percentile (whichever is less). | X | X | | | | * | | | | | | | |
| E coli - No./100 ml | | AGM ≤ 126 S.V. ≤ 410 | | | | * | X | | | | | | | | |
| Fecal Coliform - No./100 ml | | $\leq 200/400^d$ | X | X | | * | X | X | | X | | | | | |

* = The most restrictive beneficial use.

X = Beneficial use.

- ^a Refer to NAC 445A.122 and section 11 of this regulation for beneficial use terminology.
- ^b Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
- ^c The ambient water quality criteria for ammonia are specified in NAC 445A.118.
- ^d Must not exceed a geometric mean of 200 per 100 milliliters based on a minimum of 5 samples during any 30-day period, nor may more than 10 percent of total samples during any 30-day period exceed 400 per 100 milliliters.

Sec. 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 ^a | | | | | | | | | | | |
|---------------------------------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Beneficial Uses | | | X | X | X | | X | | X | X | | | | |
| Aquatic Life Species of Concern | | | | | | | | | | | | | | |
| pH - SU | | S.V. 6.0 - 9.0 | X | X | * | | | | X | * | | | | |

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

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

Sec. 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 |
| Humboldt River at Palisade | From Osino to the Palisade Gage. | X | X | X | X | X | X | X | X | | | | | Warm-water fishery | section 62 of this regulation |
| Humboldt River at Battle Mountain | From the Palisade Gage to the Battle Mountain Gage. | X | X | X | X | X | X | X | X | | | | | Warm-water fishery | section 63 of this regulation |

| 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 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) <i>Rogers</i> 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 the <i>and including,</i> the Humboldt Sink. | X | X | X | X | X | | X | X | | | | | | | section 68 of this regulation |
| <i>The Humboldt Sink</i> | <i>The entire sink.</i> | X | X | X | | X | | X | X | | | | | | | <i>section 2 of LCB File No. R129-10</i> |
| 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 | | | | | | | 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 |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|--|---|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--|-------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Maggie Creek at the Humboldt River | From its confluence with Soap Creek to its confluence with the Humboldt River. | X | X | X | X | X | X | X | X | X | | | | | | section 85 of this regulation |
| Secret Creek at the national forest boundary | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 86 of this regulation |
| Secret Creek at the Humboldt River | From the national forest boundary to its confluence with the Humboldt River. | X | X | X | X | X | X | X | X | | | | | Trout | | section 87 of this regulation |
| Lamoille Creek at the gaging station | From its origin to gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 88 of this regulation |
| Lamoille Creek at the Humboldt River | From gaging station number 10-316500, located in the NE 1/4 of section 6, T. 32 N., R. 58 E., M.D.B. & M., to its confluence with the Humboldt River. | X | X | X | X | X | X | X | X | | | | | | | section 89 of this regulation |
| J.D. Ponds | The entire area. | X | X | X | X | X | X | X | X | | | | | | | section 90 of this regulation |
| Denay Creek at Tonkin Reservoir | From its origin to Tonkin Reservoir. | X | X | X | X | X | X | | X | | | | | | | section 91 of this regulation |
| Tonkin Reservoir | The entire reservoir. | X | X | X | X | X | X | | X | | | | | | | section 92 of this regulation |
| Denay Creek below Tonkin Reservoir | Below Tonkin Reservoir. | X | X | X | X | X | X | X | X | | | | | | | section 93 of this regulation |
| Rock Creek at Squaw Valley Ranch | From its origin to Squaw Valley Ranch. | X | X | X | X | X | X | | X | | | | | | | section 94 of this regulation |
| Rock Creek below Squaw Valley Ranch | Below Squaw Valley Ranch. | X | X | X | X | X | X | X | X | | | | | | | section 95 of this regulation |
| Willow Creek | From its origin to Willow Creek Reservoir. | X | X | X | X | X | X | | X | | | | | | | section 96 of this regulation |
| Willow Creek Reservoir | The entire reservoir. | X | X | X | X | X | X | X | X | | | | | Trout | | section 97 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|--|---|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Pole Creek | From its origin to the point of diversion of the Golconda water supply, near the north line of section 13, T. 35 N., R. 39 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 98 of this regulation |
| Water Canyon Creek | From its origin to the point of diversion of the Winnemucca municipal water supply, near the west line of section 12, T. 35 N., R. 38 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 99 of this regulation |
| Martin Creek at the national forest boundary | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 100 of this regulation |
| Martin Creek below the national forest boundary | From the national forest boundary to the first diversion in T. 42 N., R. 40 E., M.D.B. & M. | X | X | X | X | X | X | X | X | | | | | Trout | | section 101 of this regulation |
| Dutch John Creek | The entire length. | X | X | X | X | X | X | | X | | | | | | | section 102 of this regulation |
| Huntington Creek at the White Pine-Elko county line | From its origin to the White Pine-Elko county line. | X | X | X | X | X | X | | X | | | | | | | section 103 of this regulation |
| 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 |

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

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

Sec. 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 ^a | | | | | | | | | | | |
|---------------------------------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Beneficial Uses | | | X | X | X | X | X | | X | X | | | | |
| Aquatic Life Species of Concern | | | | | | | | | | | | | | |
| pH - SU | | S.V. 6.0 - 9.0 | X | X | * | X | | | X | * | | | | |

| PARAMETER | REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY | WATER QUALITY STANDARDS FOR BENEFICIAL USES | Beneficial Use ^a | | | | | | | | | | | |
|-----------------------------|--|---|-----------------------------|------------|---------|---------|--------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Dissolved Oxygen - mg/l | | S.V. \geq 3.0 | X | | * | X | X | | | | X | | | |
| Total Ammonia (as N) - mg/l | | b | | | * | | | | | | | | | |
| E coli - No./100 ml | | AGM \leq 630 126 S.V. 576 | | | | * | X | X | | | | | | |

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

Sec. 9. Section 121 of LCB File No. R160-06 is hereby amended to read as follows:

Sec. 121. The designated beneficial uses for select bodies of water within the Truckee

Region are prescribed in this section:

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | |
|-----------------|---------------------------|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | |
| Lake Tahoe | Existing sampling points. | X | X | X | X | X | X | X | X | X | | | | Cold-water fishery | section 123 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|---|---|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--------------------|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Lake Tahoe Tributaries | All tributaries to Lake Tahoe located in Nevada and which are not included in sections 125 to 139, inclusive, of this regulation. | X | X | X | X | X | X | X | X | | | | X | | Cold-water fishery | section 124 of this regulation |
| Incline Creek, East Fork at ski resort | From its origin to the ski resort. | X | X | X | X | X | X | X | X | | | | X | | Cold-water fishery | section 125 of this regulation |
| Incline Creek, West Fork at State Highway 431 | From its origin to State Highway 431. | X | X | X | X | X | X | X | X | | | | X | | Cold-water fishery | section 126 of this regulation |
| Incline Creek, East Fork; Incline Creek, West Fork; and Incline Creek | The East Fork of Incline Creek from the ski resort to the West Fork of Incline Creek, the West Fork of Incline Creek from State Highway 431 to the East Fork of Incline Creek, and Incline Creek from the confluence of the East and West Forks of Incline Creek to Lake Tahoe. | X | X | X | X | X | X | X | X | | | | X | | Cold-water fishery | section 127 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|---|---|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--------------------|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Third Creek, East Fork at State Highway 431 | From its origin to State Highway 431. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 128 of this regulation |
| Third Creek, East Fork; Third Creek, West Fork; and Third Creek | The East Fork of Third Creek from State Highway 431 to the West Fork of Third Creek, the West Fork of Third Creek from its origin to the East Fork of Third Creek, and Third Creek from the confluence of the East and West Forks of Third Creek to Lake Tahoe. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 129 of this regulation |
| Wood Creek | From its origin to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 130 of this regulation |
| Second Creek at Second Creek Drive | From its origin to Second Creek Drive. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 131 of this regulation |
| Second Creek at Lakeshore Drive | From Second Creek Drive to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 132 of this regulation |
| First Creek at Dale and Knotty Pine Drives | From its origin to Dale and Knotty Pine Drives. | X | X | X | X | X | X | X | X | X | | | X | | Cold-water fishery | section 133 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 | | | |
| First Creek at Lakeshore Drive | From Dale and Knotty Pine Drives to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 134 of this regulation |
| Glenbrook Creek | From its origin to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 135 of this regulation |
| Logan House Creek | From its origin to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 136 of this regulation |
| Eagle Rock Creek | From its origin to its confluence with Edgewood Creek. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 137 of this regulation |
| Edgewood Creek at Palisades Drive | From its origin to 50 feet downstream from the culvert at Palisades Drive. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 138 of this regulation |
| Edgewood Creek at Stateline | From 50 feet downstream from the culvert at Palisades Drive to its confluence with Lake Tahoe. | X | X | X | X | X | X | X | X | | X | | | Cold-water fishery | section 139 of this regulation |
| Truckee River at the state line | At the California-Nevada state line. | X | X | X | X | X | X | X | X | | | | | All life stages of mountain whitefish, rainbow trout and brown trout | section 140 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|----------------------------------|---|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|--|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Truckee River at Idlewild | From the California-Nevada state line to Idlewild. | X | X | X | X | X | X | X | X | | | | | | All life stages of mountain whitefish, rainbow trout and brown trout | section 141 of this regulation |
| Truckee River at East McCarran | From Idlewild to the East McCarran Boulevard Bridge. | X | X | X | X | X | X | X | X | | | | | | All life stages of mountain whitefish, rainbow trout and brown trout | section 142 of this regulation |
| Truckee River at Lockwood Bridge | From the East McCarran Boulevard Bridge to the Lockwood Bridge. | X | X | X | X | X | X | X | X | | | | | | Juvenile and adult rainbow trout and brown trout | section 143 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|----------------------------|--|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|---|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Truckee River at Derby Dam | From the Lockwood Bridge to Derby Dam. | X | X | X | X | X | X | X | X | X | | | | | Juvenile and adult rainbow trout and brown trout. However, the species which are sensitive to temperature are expected to seek a cooler microhabitat during July and August | section 144 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | |
|-------------------------------------|---------------------------------------|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | |
| Truckee River at the Wadsworth Gage | From Derby Dam to the Wadsworth Gage. | X | X | X | X | X | X | X | X | | | | | Early spawning Lahontan cutthroat trout and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions | section 145 of this regulation |

| Water Body Name | Segment Description | Beneficial Uses | | | | | | | | | | | Aquatic Species of Concern | Water Quality Standard NAC Reference | | |
|-----------------------------------|--|-----------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|----------------------------|--------------------------------------|---|--------------------------------|
| | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | | | | |
| Truckee River at Pyramid Lake | From the Wadsworth Gage to the mouth of the Truckee River at Pyramid Lake. | X | X | X | X | X | X | X | X | | | | | | Early spring spawning Lahontan cutthroat trout and cui-ui, and their incubation, larvae, juveniles and migration, from May through June, depending on hydrologic conditions | section 146 of this regulation |
| Bronco Creek | | | | | | | | | | | | | | | | section 147 of this regulation |
| Gray Creek | | | | | | | | | | | | | | | | section 148 of this regulation |
| Hunter Creek at Hunter Lake | From its origin to Hunter Lake. | X | X | X | X | X | X | | X | | | | | | | section 149 of this regulation |
| Hunter Lake | The entire lake. | X | X | X | X | X | X | | X | | | | | | | section 150 of this regulation |
| Hunter Creek at the Truckee River | From Hunter Lake to its confluence with the Truckee River. | X | X | X | X | X | X | X | X | | | | | Trout | section 151 of this regulation | |

| 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 | | | | |
| Washoe Lakes | The entire lakes. | X | X | X | X | X | X | X | X | X | | | | | | section 152 of this regulation |
| Steamboat Creek at the gaging station | From Little Washoe Lake to gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M. | X | X | X | X | X | X | X | X | X | | | | | | section 153 of this regulation |
| Steamboat Creek at the Truckee River | From gaging station number 10-349300, located in the S 1/2 of section 33, T. 18 N., R. 20 E., M.D.B. & M., to its confluence with the Truckee River. | X | X | X | X | X | | X | X | | | | | | | section 154 of this regulation |
| Franktown Creek, upper | From its origin to the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 155 of this regulation |
| Franktown Creek at Washoe Lake | From the first irrigation diversion, near the north line of section 9, T. 16 N., R. 19 E., M.D.B. & M., to Washoe Lake. | X | X | X | X | X | X | X | X | | | | | Trout | | section 156 of this regulation |
| Hobart Reservoir and tributaries | The entire system. | X | X | X | X | X | X | X | X | | | | | Trout | | section 157 of this regulation |
| Ophir Creek at State Route 429 | From its origin to State Route 429 (old U.S. Highway 395). | X | X | X | X | X | X | | X | | | | | | | section 158 of this regulation |

| 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 | | | | |
| Ophir Creek at Washoe Lake | From State Route 429 (old U.S. Highway 395) to Washoe Lake. | X | X | X | X | X | X | X | X | | | | | | Trout | section 159 of this regulation |
| Price's Lakes | The entire lakes. | X | X | X | X | X | X | | X | | | | | | | section 160 of this regulation |
| Davis Lake | The entire lake. | X | X | X | X | X | X | X | X | | | | | | Trout | section 161 of this regulation |
| Galena Creek, upper | From its origin to the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 162 of this regulation |
| Galena Creek, middle | From the east line of section 18, T. 17 N., R. 19 E., M.D.B. & M., to gaging station number 10-348900 located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M. | X | X | X | X | X | X | X | X | | | | | | Trout | section 163 of this regulation |
| Galena Creek at Steamboat Creek | From gaging station number 10-348900, located in the SW 1/4 of the SW 1/4 of section 2, T. 17 N., R. 19 E., M.D.B. & M., to its confluence with Steamboat Creek. | X | X | X | X | X | X | X | X | | | | | | Trout | section 164 of this regulation |

| 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 | | | | |
| White's Creek, upper | From its origin to the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 165 of this regulation |
| White's Creek at Steamboat Ditch | Below the east line of section 33, T. 18 N., R. 19 E., M.D.B. & M., to Steamboat Ditch. | X | X | X | X | X | X | X | X | | | | | Trout | | section 166 of this regulation |
| White's Creek at Steamboat Creek | Below Steamboat Ditch. | X | X | X | X | X | X | X | X | | | | | | | section 167 of this regulation |
| Lagomarsino Creek | The entire length; also known as Long Valley Creek. | X | X | X | X | X | | X | X | | | | | | | section 168 of this regulation |
| Tracy Pond | The entire area. | X | X | X | X | X | X | X | X | | | | | | | section 169 of this regulation |
| | | | | | | | | | | | | | | | | |
| Irrigation | Irrigation | | | | | | | | | | | | | | | |
| Livestock | Watering of livestock | | | | | | | | | | | | | | | |
| Contact | Recreation involving contact with the water | | | | | | | | | | | | | | | |
| Noncontact | Recreation not involving contact with the water | | | | | | | | | | | | | | | |
| Industrial | Industrial supply | | | | | | | | | | | | | | | |
| Municipal | Municipal or domestic supply, or both | | | | | | | | | | | | | | | |
| Wildlife | Propagation of wildlife | | | | | | | | | | | | | | | |
| Aquatic | Propagation of aquatic life | | | | | | | | | | | | | | | |
| Aesthetic | Waters of extraordinary ecological or aesthetic value | | | | | | | | | | | | | | | |
| Enhance | Enhancement of water quality | | | | | | | | | | | | | | | |

| 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 |
| Marsh | Maintenance of a freshwater marsh | | | | | | | | | | | | | |

Sec. 10. 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 ^a | | | | | | | | | | | |
|---------------------------------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Beneficial Uses | | | X | X | X | X | X | | X | X | | | | |
| Aquatic Life Species of Concern | | | | | | | | | | | | | | |
| pH - SU | | S.V. 6.0 - 9.0 | X | X | * | X | | | | X | * | | | |
| Dissolved Oxygen - mg/l | | S.V. ≥ 3.0 | X | | * | X | X | | | | X | | | |

| PARAMETER | REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY | WATER QUALITY STANDARDS FOR BENEFICIAL USES | Beneficial Use ^a | | | | | | | | | | | |
|-----------------------------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Total Ammonia (as N) - mg/l | | b | | | * | | | | | | | | | |
| E coli - No./100 ml | | AGM ≤ 630 126 S.V. 576 | | | | * | [*] | | | | | | | |

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

Sec. 11. 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 ^a | | | | | | | | | | | |
|---------------------------------|---|---|-----------------------------|------------|---------|---------|------------|---------------------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Beneficial Uses | | | X | X | X | X | X | | X | X | | | | |
| Aquatic Life Species of Concern | | | | | | | | | | | | | | |
| pH - SU | | S.V. 6.0 - 9.0 | X | X | * | X | | | X | * | | | | |
| Dissolved Oxygen - mg/l | | S.V. \geq 3.0 | X | | * | X | X | | | X | | | | |
| Total Ammonia (as N) - mg/l | | b | | | * | | | | | | | | | |
| E coli - No./100 ml | | AGM \leq 630 126 S.V. 576 | | | | * | | [*] X | | | | | | |

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

Sec. 12. 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 | 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 | X | | | | | | | section 226 of this regulation |
| Leidy Creek | Above the hydroelectric plant. | X | 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 | 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 | X | | | | | | | | section 229 of this regulation |
| Willow Creek Reservoir | The entire reservoir. | X | 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 | X | | | | | | | | section 231 of this regulation |
| Jett Creek | From its origin to the national forest boundary. | X | 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 | X | | | | | | | | section 233 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 | | | | |
| Twin River, North Fork | From its origin to the first point of diversion, near the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 234 of this regulation |
| Kingston Creek at Groves Lake | From its origin to Groves Lake. | X | X | X | X | X | X | | X | | | | | | | section 235 of this regulation |
| Groves Lake | The entire lake. | X | X | X | X | X | X | X | X | | | | | Trout | | section 236 of this regulation |
| Kingston Creek below Groves Lake | Below Groves Lake. | X | X | X | X | X | X | X | X | | | | | Trout | | section 237 of this regulation |
| Birch Creek at the national forest boundary | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 238 of this regulation |
| Birch Creek below the national forest boundary | From the national forest boundary to the first diversion dam, near the west line of section 1, T. 17 N., R. 44 E., M.D.B. & M. | X | X | X | X | X | X | X | X | | | | | Trout | | section 239 of this regulation |
| 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 |

| 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 | | | | |
| Steiner Creek | From its origin to the first point of diversion, near the north line of section 34, T. 21 N., R. 46 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 241 of this regulation |
| Pine Creek (Nye County) | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 242 of this regulation |
| Barley Creek | From its origin to the first point of diversion, near the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 243 of this regulation |
| Mosquito Creek | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 244 of this regulation |
| Stoneberger Creek | From its origin to the national forest boundary. | X | X | X | X | X | X | | X | | | | | | | section 245 of this regulation |
| Roberts Creek at Roberts Creek Reservoir | From its origin to Roberts Creek Reservoir. | X | X | X | X | X | X | | X | | | | | | | section 246 of this regulation |
| Roberts Creek below Roberts Creek Reservoir | Below Roberts Creek Reservoir. | X | X | X | X | X | X | X | X | | | | | | | section 247 of this regulation |
| Fish Springs Pond | The entire pond. | X | X | X | X | X | X | X | X | | | | | Trout | | section 248 of this regulation |
| Illipah Reservoir | The entire reservoir. | X | X | X | X | X | X | X | X | | | | | Trout | | section 249 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 | | | | |
| Ruby Marsh | The entire area. | X | X | X | X | X | X | X | X | X | | | | | Trout | section 250 of this regulation |
| Angel Lake | The entire lake. | X | X | X | X | X | X | | X | | | | | | | section 251 of this regulation |
| Pole Canyon Creek | From its origin to where it becomes Franklin River. | X | X | X | X | X | X | | X | | | | | | | section 252 of this regulation |
| Goshute Creek | From its origin to the first point of diversion, near the center of section 12, T. 25 N., R. 63 E., M.D.B. & M. | X | X | X | X | X | X | | X | | | | | | | section 253 of this regulation |
| Gleason Creek at State Highway 485 | From its origin to State Highway 485 (old State Highway 44). | X | X | X | X | X | X | X | X | | | | | | | section 254 of this regulation |
| Gleason Creek at [Murray] Murry Creek | From State Highway 485 (old State Highway 44) to its confluence with [Murray] Murry Creek. | X | X | X | | X | | X | X | | | | | | | section 255 of this regulation |
| [Murray] Murry Creek above Crawford Street | 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. | X | X | X | X | X | | X | X | | | | | | | section 256 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 | | | | | |
| <i>Murry Creek below Crawford Street</i> | <i>From Crawford Street to the south line of section 35, T. 17 N., R. 63 E., M.D.B. & M.</i> | X | X | X | | X | | X | X | | | | | | | | <i>section 3 of LCB File No. 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 |
| 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 |

| 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 | | | | |
| 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 |
| 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 |

| 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 | | |
| | | | | | | | | | | | | | | |
| 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. 13. 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]~~ *Murry* 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]~~ *Crawford Street. This segment of Murry* Creek is located in White Pine County.

STANDARDS OF WATER QUALITY

~~[Murray]~~ *Murry* Creek *above Crawford Street*

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

* = The most restrictive beneficial use.

X = Beneficial use.

^a Refer to NAC 445A.122 and section 223 of this regulation for beneficial use terminology.

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

Sec. 14. Section 24 of LCB File No. R160-06 is hereby repealed.

TEXT OF REPEALED SECTION

Section 24 of LCB File No. R160-06:

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

STANDARDS OF WATER QUALITY

Quinn River at the Fort McDermitt Reservation

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

| PARAMETER | REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY | WATER QUALITY STANDARDS FOR BENEFICIAL USES | Beneficial Use ^a | | | | | | | | | | | |
|-------------------------------|--|---|-----------------------------|------------|---------|---------|------------|-----------|------------|----------|-----------|---------|-------|--|
| | | | Livestock | Irrigation | Aquatic | Contact | Noncontact | Municipal | Industrial | Wildlife | Aesthetic | Enhance | Marsh | |
| Dissolved Oxygen - mg/l | | S.V. \geq 6.0 | X | | * | X | X | X | | X | | | | |
| Total Ammonia (as N) - mg/l | | ^c | | | * | | | X | | | | | | |
| Total Dissolved Solids - mg/l | | S.V. \leq 500 or the 95th percentile (whichever is less). | X | X | | | | * | | | | | | |
| E coli - No./100 ml | | AGM \leq 126 S.V. \leq 410 | | | | * | X | | | | | | | |
| Fecal Coliform - No./100 ml | | \leq 200/400 ^d | X | X | | * | X | X | | X | | | | |

* = The most restrictive beneficial use.

X = Beneficial use.

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

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

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

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