

PROPOSED PERMANENT REGULATION OF THE NEVADA STATE ENVIRONMENTAL COMMISSION

LCB File No. R129-01

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

AUTHORITY: §§ 1-4, NRS 445A.425 and 445A.520.

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 standards of water quality for the Walker Lake are prescribed in Section 3 of this regulation. The beneficial uses for this area are:*

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

Sec. 3.

STANDARDS OF WATER QUALITY Walker Lake

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

<i>PARAMETER</i>	<i>REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY</i>	<i>WATER QUALITY STANDARDS FOR BENEFICIAL USES</i>	<i>BENEFICIAL USES AS DESIGNATED IN SECTION 2 OF THIS REGULATION (Most Stringent Use Listed First)</i>
<i>Temperature^(a) Single Value</i>	--	$\Delta T \leq 2 \text{ }^\circ\text{C}$	<i>Propagation of aquatic life.</i>
<i>pH Single Value</i>	--	<i>Within Range 6.5 - 9.7 SU</i>	<i>Propagation of aquatic life, recreation involving contact with the water and propagation of wildlife.</i>
<i>Dissolved Oxygen^(b) Single Value</i>	--	$\geq 5 \text{ mg/l}$	<i>Propagation of aquatic life, recreation involving contact with water, recreation not involving contact with water, and propagation of wildlife.</i>
<i>Suspended Solids Single Value</i>	--	$\leq 5 \text{ mg/l}$	<i>Propagation of aquatic life.</i>
<i>Nitrogen Species as N</i>	<i>Total Inorganic Nitrogen:</i>		<i>Propagation of aquatic life and propagation of wildlife.</i>

The language in this proposed regulation (Petition 2002-04) was prepared by the Legislative Counsel Bureau as File R129-01, dated November 6, 2001. This proposed regulation is scheduled to be acted upon by the State Environmental Commission on December 11, 2001.

<i>Annual Average</i>	<i>0.18 mg/l^(c)</i>		
<i>Single Value</i> <i>Single Value</i>	<i>≤0.3 mg/l</i>	<i>Nitrate ≤90 mg/l</i> <i>Nitrite ≤0.06 mg/l</i>	
<i>Total Phosphorus as P</i> <i>Single Value</i>	<i>--</i>	<i>≤0.82 mg/l</i>	<i>Propagation of aquatic life.</i>
<i>Escherichia Coli</i> <i>30-day Log Mean</i> <i>Single Value</i>	<i>--</i> <i>--</i>	<i>≤126 MF/100 ml</i> <i>≤35 MF/100 ml</i>	<i>Recreation involving contact with the water and recreation not involving contact with the water</i>

- a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.*
- b. When lake is stratified, the dissolved oxygen applies only to the epilimnion.*
- c. TIN annual average computed for calendar year.*

Sec. 4. NAC 445A.070 is hereby amended to read as follows:

445A.070 As used in NAC 445A.070 to 445A.348, inclusive, **and sections 2 and 3 of this regulation**, unless the context otherwise requires, the words and terms defined in NAC 445A.071 to 445A.116, inclusive, have the meanings ascribed to them in those sections.

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