LCB File No. R104-00

PROPOSED REGULATION OF THE NEVADA STATE ENVIRONMENTAL COMMISSION

Petition 2000-10

Explanation - Matter in ***italics*** is new; matter in brackets [ ] and that is ~~stricken~~ is to be omitted.

Authority: §§ 1-8 NRS 445A.425 and 445A.520.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto sections 2 through 4 to reads as follows:

Section 2: Beneficial uses for Walker Lake.
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 juvenile and adult Lahontan cutthroat trout.***

Section 3. Walker Lake.

Control Point at Sportsman's Beach. The limits of this table apply only to Walker Lake at Sportsman's Beach.

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*BENEFICIAL USES (Most Stringent Use Listed First)*
Temperature (1) *Single Value*	*--*	*$\Delta T \leq 2^{\circ}C$*	*Propagation of aquatic life.*
pH *Single Value*	*--*	*Within Range* *6.5 - 9.7 SU*	*Propagation of aquatic life, recreation involving contact with water, propagation of wildlife.*
Dissolved Oxygen *Single Value*	*--*	*≥5 mg/l*	*Propagation of aquatic life, recreation involving contact with water, recreation not involving contact with water, and propagation of wildlife.*
Suspended Solids *Single Value*	*--*	*≤25 mg/l*	*Propagation of aquatic life.*
Nitrogen Species as N *Annual Average* *Single Value* *Single Value*	*Total Inorganic Nitrogen* *≤ 0.18 mg/l(2)* *≤0.30 mg/l*	 *Nitrate* *≤ 90 mg/l* *Nitrite* *≤0.06 mg/l*	*Propagation of aquatic life, and propagation of wildlife.*
Total Phosphorus as P *Single Value*	*--*	*≤ 0.82 mg/l*	*Propagation of aquatic life.*
Total Dissolved Solids *Single Value*	*--*	*≤10,000 mg/l*	*Propagation of aquatic life.*

Chloride *Single Value*	*--*	*≤3,200 mg/l*	*Propagation of wildlife.*
Arsenic	*--*	*≤ 1,050 µg/l*	*Propagation of aquatic life*
E. coli *30-day Log Mean* *Single Value*	*--* *--*	*≤126 MF/100 ml* *≤235 MF/100 ml*	*Recreation involving contact with water, recreation not involving contact with water*

(1) Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone

(2) TIN annual average computed for calendar year.

Sec. 4. Chapter 445A of NAC is hereby amended by adding thereto a new section to read as follows:

East Walker River at Zanis Bridge.

Control Point at the East Walker River at Zanis Bridge. The limits of this table apply from the East Walker River at Zanis Bridge to the East Walker River at state line.

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature *Single Value*	*$\Delta T = 0°C^a$*	*Nov.-Apr.: ≤13°C* *May-Jun.: ≤17°C* *Jul.-Oct.: ≤23°C* *$\Delta T \leq 2°C^a$*	*Propagation of aquatic life, and recreation involving contact with the water.*
pH *Single Value*	*--*	*Within Range 6.5 - 9.0 SU* *ΔpH: ±0.5 SU Max.*	*Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, irrigation, watering of livestock, municipal or domestic supply, or both, and industrial supply.*
Total Phosphates (as P) *Annual Average*	*--*	*≤ 0.10 mg/l*	*Propagation of aquatic life, recreation involving contact with the water, municipal or domestic supply, or both, and recreation not involving contact with water.*
Nitrogen Species as N *Single Value* *Single Value* *Single Value* *Annual Average*	*Total Nitrogen* *≤ 1.7 mg/l* *≤ 0.9 mg/l*	*Nitrate ≤ 10 mg/l* *Nitrite ≤.06 mg/l* *Ammonia S.V:≤.02 mg/l (un-ionized)*	*Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with the water, watering of livestock, propagation of wildlife, and recreation not involving contact with water.*
Dissolved Oxygen *Single Value*	*--*	*Nov.-May: ≤ 6.0 mg/l* *June-Oct.: ≤ 5.0 mg/l*	*Propagation of aquatic life, recreation involving contact with the water, propagation of wildlife, watering of livestock, municipal or domestic supply, or both, and recreation not involving contact with water.*

Suspended Solids Single Value	*--*	*≤ 80 mg/l*	*Propagation of aquatic life.*
Turbidity Single Value	*--*	*b*	*Propagation of aquatic life, and municipal or domestic supply, or both.*
Color Single Value	*--*	*≤ 75 PCU*	*Municipal or domestic supply, or both, propagation of aquatic life.*
Total Dissolved Solids Single Value Annual Average	*≤ 390 mg/l ≤ 320 mg/l*	*≤ 500 mg/l*	*Municipal or domestic supply, or both, irrigation, and watering of livestock.*
Chloride Single Value Annual Average	*≤ 19 mg/l ≤ 13 mg/l*	*≤ 250 mg/l*	*Municipal or domestic supply, or both, propagation of wildlife, irrigation, and watering of livestock.*
Sulfate Single Value	*--*	*≤ 250 mg/l*	*Municipal or domestic supply or both.*
Sodium Adsorption Ratio Annual Average	*--*	*≤ 8*	*Irrigation, and municipal or domestic supply, or both.*
Alkalinity (as $CaCO_3$)	*--*	*less than 25% change from natural conditions*	*Propagation of aquatic life, propagation of wildlife.*
Escherichia coli Annual Geometric Mean Single Value	*--*	*126 MF/100 ml 235 MF/100 ml*	*Recreation involving contact with the water, recreation not involving contact with water, municipal or domestic supply, or both, irrigation, and watering of livestock.*

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
b. Increase in turbidity must not be more than 10 NTU above natural conditions.

Sec. 5. NAC 445A.159 is hereby amended to read as follows:

445A.159 Beneficial uses for Walker River. The standards of water quality for the Walker River from Walker Lake to the state line are prescribed in NAC 445A.160 to 445A.169 inclusive. The beneficial uses for this area are:

1. Irrigation;
2. Watering of livestock;
3. Recreation involving contact with the water;
4. Recreation not involving contact with water;
5. Industrial supply;
6. Municipal or domestic supply, or both;
7. Propagation of wildlife; and
8. Propagation of aquatic life, and more specifically, the species of major concern are:

(a) In the West Walker River at the state line, ***mountain whitefish***, rainbow trout and brown trout;

(b) In Topaz Lake, rainbow trout, cutthroat trout, brown trout, kokone salmon and silver salmon;

c) In the West Walker River from Wellington to the state line, ***mountain whitefish***, rainbow trout and brown trout;

(d) In the West Walker River from its confluence with the East Walker River to Wellington, brown trout and rainbow trout;

(e) In Sweetwater Creek, ***mountain whitefish***, brown trout, brook trout and rainbow trout;

(f) In the East Walker River at the state line, mountain white fish, rainbow trout and brown trout;

(g) ~~[In the East Walker River from its confluence with the West Walker River to the state line, brown trout and rainbow trout;]~~ ***In the East Walker River from Zanis Bridge to the state line, mountain whitefish, rainbow trout and brown trout;***

(h) ~~[In the Walker River from Weber Reservoir to the confluence of the East Walker River and West Walker River, channel catfish and largemouth bass;]~~ ***In the East Walker River from its confluence with the West Walker River to Zanis Bridge, brown trout and rainbow trout;***

(I) ~~[In the Walker River from the inlet to Walker Lake to Weber Reservoir, channel catfish, largemouth bass, adult Lahontan cutthroat trout from April through May, and adult rainbow trout from April through June; and]~~ ***In the Walker River from Weber Reservoir to the confluence of the East Walker River and West Walker River, channel catfish and largemouth bass;***

(j) ~~[In Desert Creek, brown trout, brook trout and rainbow trout.]~~ ***In the Walker River from the inlet to Walker Lake to Weber Reservoir, channel catfish, largemouth bass. Also adult Lahontan cutthroat trout and adult rainbow trout from February through June, when adequate flows exist; and***

(k) In Desert Creek, brown trout, brook trout and rainbow trout.

Sec. 6. NAC 445A.160 is hereby amended to read as follows:
445A.160 West Walker River at the state line.

Control Point at the West Walker River at the state line. The limits of this table apply only to the West Walker River at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature ~~[°C Maximum ΔT[a]]~~ ***Single Value***	July-Oct:≤22°C ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17° Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P)~~[(- mg/l]~~ ***Annual Average***		~~[A-Avg.:]~~ ≤0.1 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.6 ***mg/l*** ≤0.9 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both***~~[b]~~, ***propagation of*** aquatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov. - ~~[Apr.]~~ ***May***: ≤6.0 ***mg/l*** ~~[May]~~***June***-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Suspended Solids ~~[- mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ≤60 ***mg/l***	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~.
Turbidity ~~[- NTU]~~ ***Single Value***	--	~~[d]~~ ***b***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[- PCU]~~ ***Single Value***	***≤ 26 PCU***	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[- mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤165 ***mg/l*** □220 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*****.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤15 ***mg/l*** ≤20 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*****.**
Sulfate ~~[- mg/l]~~ ***Single Value***	***≤25 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[- SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A-Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[- mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤100]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*****.**

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
b. ~~[The most restrictive beneficial use.~~
~~c. Increase in color must not be more than 10 PCU above natural conditions.~~
~~d.]~~ Increase in turbidity must not be more than 10 NTU above natural conditions.
~~[c. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 10, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80**]**--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13425)

Sec. 7. NAC 445A.161 is hereby amended to read as follows:

445A.161 Topaz Lake.

Control Point at Topaz Lake. The limits of this table apply at various points in Topaz Lake.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature ~~[°C Maximum ΔT[a]]~~ ***Single Value***	ΔT = 0□C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average Single Value***		~~[A-Avg.:]~~ ≤0.05 ***mg/l*** ≤0.10 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.6 ***mg/l*** ≤1.0 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life ~~[[b]]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-~~[Apr.]~~ ***May***: ≤6.0 ***mg/l*** ~~[May]~~***June***-Oct.[b]: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ≤6.0 ***mg/l*** ~~[S.V.:]~~ ≤9.0 ***mg/l***	~~[S.V.:]~~ ≤25 ***mg/l***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ≤3.0 ***NTU*** ~~[S.V.:]~~ ≤5.0 ***NTU***	~~[d]~~ ***c***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	***≤ 21 PCU***	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~*a*quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤105 ***mg/l*** ≤120 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤7 ***mg/l*** ≤10 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***	***≤25 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A-Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤25 S.V.: ≤100]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~*w*ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone, but the increase must not cause a violation of the single value standard.
b. ~~[The most restrictive beneficial use.]~~ ***The dissolved oxygen standard from June to October applies only to the epilimnion.***
c. ~~[Increase in color must not be more than 10 PCU above natural conditions.~~
~~d.]~~ Increase in turbidity must not be more than 10 NTU above natural conditions.
~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 11, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13426)

Sec. 8. NAC 445A.162 is hereby amended to read as follows:

445A.162 West Walker River near Wellington.

Control Point at the West Walker River near Wellington. The limits of this table apply from the West Walker River near Wellington to the West Walker River at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature ~~[°C Maximum _T[a]]~~ *Single Value*	ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C _T ≤2°C[a]	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, and *recreation involving contact with the* water ~~[contact recreation]~~.
pH ~~[Units]~~ *Single Value*	--	~~[S.V.: 7.0 - 8.3]~~ *Within Range 6.5 - 9.0 SU* ΔpH: ±0.5 *SU* Max.	*Propagation of aquatic life*, *recreation involving contact with the* ~~[W]~~*w*ater ~~[contact recreation[b]]~~, *propagation of* wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering *of livestock*, municipal or domestic supply, *or both*, and industrial supply.
Total Phosphates(as P) ~~[(- mg/l]~~ *Annual Average* *Single Value*	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.07 *mg/l* ≤0.10 *mg/l*	~~[A-Avg.:]~~ ≤0.1 *mg/l*	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreationb]~~, municipal or domestic supply, *or both,* and ~~[noncontact]~~ recreation *not involving contact with water*.
Nitrogen Species *as* ~~[(]~~N~~[) - mg/l]~~ *Annual Average* *Single Value* *Single Value* *Single Value*	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.6 *mg/l* ≤1.0 *mg/l*	Nitrate ~~[S.V.:]~~ ≤10 *mg/l* Nitrite ~~[S.V.:]~~ ≤.06 *mg/l* Ammonia S.V:≤.02 *mg/l* (un-ionized)	Municipal or domestic supply, *or both*~~[b]~~, *propagation of* aquatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreation]~~, ~~[stock]~~ watering *of livestock*, *propagation of* wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation *not involving contact with water*.
Dissolved Oxygen ~~[- mg/l]~~ *Single Value*	--	~~[S.V.:]~~ Nov.-May: ≤6.0 *mg/l* June-Oct.: ≤5.0 *mg/l*	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreation]~~, *propagation of* wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering *of livestock*, municipal or domestic supply, *or both*, and ~~[noncontact]~~ recreation *not involving contact with water*.

Suspended Solids ~~[mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***c***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤175 ***mg/l*** ≤260 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤16 ***mg/l*** ≤30 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A Avg.:]~~ ≤8	Irrigation~~[[b]]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤50 S.V.: ≤150]~~	~~[≤200/400]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.~~

~~c.Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 12, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13427)

Sec. 9. NAC 445A.163 is hereby amended to read as follows:

445A.163 West Walker River above confluence with East Walker River at Nordyke Rd.
Control Point at the West Walker River above the confluence with the East Walker River at Nordyke Road. The limits of this table apply to the West Walker River above its confluence with the East Walker River to the control point mentioned in NAC 445.162(near Wellington).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature ~~[°C Maximum T[a]]~~ *Single Value*	ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, and *recreation involving contact with the* water ~~[contact recreation]~~.
pH ~~[Units]~~ *Single Value*	--	~~[S.V.: 7.0 - 8.3]~~ *Within Range 6.5 - 9.0 SU* ΔpH: ±0.5 *SU* Max.	*Propagation of aquatic life*, *recreation involving contact with the* ~~[W]~~*w*ater ~~[contact recreation[b]]~~, *propagation of* wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering *of livestock*, municipal or domestic supply, *or both*, and industrial supply.
Total Phosphates(as P) ~~[(- mg/l]~~ *Annual Average Single Value*	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.15 *mg/l*	~~[A-Avg.:]~~ ≤0.10 *mg/l*	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreation[b]]~~, municipal or domestic supply, *or both,* and ~~[noncontact]~~ recreation *not involving contact with water*.
Nitrogen Species *as* ~~[(]~~N~~[) - mg/l]~~ *Annual Average Single Value* *Single Value* *Single Value*	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤1.0 *mg/l* ≤1.2 *mg/l*	Nitrate ~~[S.V.:]~~ ≤10 *mg/l* Nitrite ~~[S.V.:]~~ ≤.06 *mg/l* Ammonia S.V:≤.02 *mg/l* (un-ionized)	Municipal or domestic supply, *or both*~~[b]~~, *propagation of* aquatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreation]~~, ~~[stock]~~ watering *of livestock*, *propagation of* wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation *not involving contact with water*.
Dissolved Oxygen ~~[- mg/l]~~ *Single Value*	--	~~[S.V.:]~~ Nov.-May: ≤6.0 *mg/l* June-Oct.: ≤5.0 *mg/l*	*Propagation of* ~~[A]~~*a*quatic life~~[b]~~, *recreation involving contact with the* water ~~[contact recreation]~~, *propagation of* wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering *of livestock*, municipal or domestic supply, *or both*, and ~~[noncontact]~~ recreation *not involving contact with water*.

Suspended Solids ~~[~~ ~~mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~.
Turbidity ~~[~~ ~~NTU]~~ ***Single Value***	--	~~[d]~~ ***b***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and municipal or domestic supply, ***or both***.
Color ~~[~~ ~~PCU]~~ ***Single Value***	***≤ 46 PCU***	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[~~ ~~mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤330 ***mg/l*** ≤425 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤22 ***mg/l*** ≤28 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[~~ ~~mg/l]~~ ***Single Value***	***≤74 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***.
Sodium ~~[~~ ~~SAR]~~ ***Adsorption Ratio Annual Average***	--	~~[A-Avg.:]~~ ≤8	Irrigation~~[[b]]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[~~ ~~mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤125 S.V.: ≤350]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.~~

~~c. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 13, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13428)

Sec. 10. NAC 445A.164 is hereby amended to read as follows:

445A.164 Sweetwater Creek.

Control Point at Sweetwater Creek. The limits of this table apply to Sweetwater Creek from its confluence with the East Walker River to the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)*
Temperature ~~[°C Maximum Ta]~~ ***Single Value***	ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates(as P) ~~[(- mg/l]~~ ***Annual Average***		~~[A-Avg.:]~~ ≤0.10 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	Total Nitrate~~[s]~~ ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.25 ***mg/l*** ≤0.45 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≤6.0 ***mg/l*** June-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Single Value***	***≤ 45 mg/l***	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***c***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~*a*quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤220 ***mg/l*** ≤300 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤5 ***mg/l*** ≤7 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A-Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***		~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~*w*ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.~~

~~c. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 14, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.1343)

Sec. 11. NAC 445A.165 is hereby amended to read as follows:

445A.165 East Walker River at state line.

Control Point at the East Walker River at the State line. The limits of this table apply only to the East Walker River at the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)
Temperature ~~[°C Maximum Ta]~~ ***Single Value***	ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreationb]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average***		~~[A-Avg.:]~~ ≤0.10 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.8 ***mg/l*** ≤1.4 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life~~[[b]]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≤6.0 ***mg/l*** June-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Single Value***	~~[S.V.:]~~ ≤30 ***mg/l***	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***b***	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ≤175 ***mg/l*** ~~[S.V.:]~~ ≤210 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ≤5 ***mg/l*** ~~[S.V.:]~~ ≤7 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***	***≤26 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[[b]]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio Annual Average***	≤2	~~[A-Avg.:]~~ ≤8	Irrigation~~[[b]]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[[b]]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤20 S.V.: ≤50]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.~~

~~c. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 16, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13431)

Sec. 12. NAC 445A.166 is hereby amended to read as follows:

445A.166 East Walker River south of Yerington.

Control Point at the East Walker River south of Yerington above the confluence with the West Walker River (Nordyke Road). The limits of this table apply to the East Walker River south of Yerington above its confluence with the West Walker River to ~~[the state line]~~ ***the East Walker River at Zanis Bridge***.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)
Temperature ~~[°C Maximum Ta]~~ ***Single Value***	ΔT = 0°C[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average Single Value***	--	~~[A-Avg.: S.V.:]~~ ≤0.16 ***mg/l*** ≤0.39 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.9 ***mg/l*** ≤1.7 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life ~~[[b]]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≤6.0 ***mg/l*** June-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***b***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤320 ***mg/l*** ≤390 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤13 ***mg/l*** ≤19 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***	***≤44 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤75 S.V.: ≤350]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.~~

~~c. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 15, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13432)

Sec. 13. NAC 445A.167 is hereby amended to read as follows:

445A.167 Walker River at inlet to Weber Reservoir.
Control Point at the Walker River at the inlet to Weber Reservoir. The limits of this table apply to the Walker River from the inlet to Weber Reservoir to the confluence of the West Walker River and the East Walker River.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)
Temperature ~~[°C Maximum Ta]~~ ***Single Value***	ΔT = 0°C[a]	Nov.-Mar.: ≤13°C Apr.-June: ≤2~~[4]~~***3***°C [b] Jul.-Oct.: ≤28°C ΔT ≤2°C	***Propagation of*** ~~[A]~~***a***quatic life~~[~~[b]~~]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average Single Value***	--	~~[A-Avg.: S.V.:]~~ ≤0.26 ***mg/l*** ≤0.40 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[~~[b]~~]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤1.2 ***mg/l*** ≤1.5 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤~~[5]~~***1 mg/l c*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life~~[[b]]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≤6.0 ***mg/l*** June-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[~~[b]~~]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***d***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~***a***quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤400 ***mg/l*** ≤450 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤30 ***mg/l*** ≤35 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.: S.V.:]~~ ≤95 ***mg/l*** ≤110 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio Annual Average***	~~[SAR A-Avg.:]~~ ≤3	~~[A-Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤100 S.V.: ≤200]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.]~~ ***The temperature beneficial use standard is £21°C during February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to Weber Reservoir (NAC 445A.168).***

c. ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The nitrite beneficial use standard is £0.06 mg/l during February through June when Lahontan cutthroat trout are present in the reach from Walker Lake to the Weber Reservoir (NAC 445A.168).***

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

~~e.Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~ ***Increase in turbidity must not be more than 10 NTU above natural conditions.***

[Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 17, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80]--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13433)

Sec. 14. NAC 445A.168 is hereby amended to read as follows:

445A.168 Walker River at Schurz Bridge.

Control Point at Schurz Bridge. The limits of this table apply from the inlet to Walker Lake to Weber Reservoir.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)
Temperature ~~[°C Maximum _Ta]~~ ***Single Value***	ΔT = 0°C[a]	Nov.-Mar.: ≤13°C Apr.-June:≤23°C [(b)] Jul.-Oct.: ≤28°C ΔT ≤2°C	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average Single Value***	--	~~[A-Avg.:~~ ~~S.V.:]~~ ≤0.17 ***mg/l*** ≤0.23 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤1.2 ***mg/l*** ≤1.5 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤1 ***mg/l c*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[[b]]~~, ***propagation of*** aquatic life~~[[b]]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-~~[Apr.]~~ ***May***: ≤6.0 ***mg/l*** ~~[May]~~ ***June***-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ≤60 ***mg/l***	~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	d	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~*a*quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤390 ***mg/l*** ≤570 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Chloride~~[s mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.:]~~ ~~[S.V.:]~~ ≤23 ***mg/l*** ≤34 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*.**
Sulfate ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	~~[SAR Avg.:]~~ ≤3	~~[A Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤50~~ ~~S.V.: ≤110]~~	~~[≤200/400[e]]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~*w*ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~, and ~~[stock]~~ watering ***of livestock*.**

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

b. ~~[The most restrictive beneficial use.]~~ ***The temperature beneficial use standard is £21°C during February through June when Lahontan cutthroat trout are present.***

c. ~~[Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The nitrite beneficial use standard is £0.06 mg/l during February through June when Lahontan cutthroat trout are present.***

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

(Added to NAC by Environmental Comm'n, eff. 9-13-85)--Substituted in revision for NAC 445.13434)

Sec. 15. NAC 445A.169 is hereby amended to read as follows:

445A.169 Desert Creek.

Control Point at Desert Creek. The limits of this table apply to Desert Creek from its confluence with the West Walker River to the state line.

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES AS DESIGNATED IN NAC 445A.159 (Most Stringent Use Listed First)
Temperature ~~[°C Maximum Ta]~~ ***Single Value***	$\Delta T = 0^{\circ}C$[a]	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C $\Delta T \leq 2^{\circ}C$[a]	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, and ***recreation involving contact with the*** water ~~[contact recreation]~~.
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 - 8.3]~~ ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	***Propagation of aquatic life***, ***recreation involving contact with the*** ~~[W]~~***w***ater ~~[contact recreation[b]]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[aquatic life,]~~ irrigation, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and industrial supply.
Total Phosphates (as P) ~~[(- mg/l]~~ ***Annual Average Single Value***	~~[S.V.:]~~ ≤0.13 ***mg/l***	~~[A-Avg.:]~~ ≤0.1 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation[b]]~~, municipal or domestic supply, ***or both,*** and ~~[noncontact]~~ recreation ***not involving contact with water***.
Nitrogen Species ***as*** ~~[(]~~N~~[) - mg/l]~~ ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrate~~[s]~~ ~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤0.2 ***mg/l*** ≤0.27 ***mg/l***	Nitrate ~~[S.V.:]~~ ≤10 ***mg/l*** Nitrite ~~[S.V.:]~~ ≤.06 ***mg/l*** Ammonia S.V:≤.02 ***mg/l*** (un-ionized)	Municipal or domestic supply, ***or both*** ~~[b]~~, ***propagation of*** aquatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ~~[stock]~~ watering ***of livestock***, ***propagation of*** wildlife ~~[propagation[b]]~~, and ~~[noncontact]~~ recreation ***not involving contact with water***.
Dissolved Oxygen ~~[- mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≤6.0 ***mg/l*** June-Oct.: ≤5.0 ***mg/l***	***Propagation of*** ~~[A]~~***a***quatic life~~[b]~~, ***recreation involving contact with the*** water ~~[contact recreation]~~, ***propagation of*** wildlife ~~[propagation[b]]~~, ~~[stock]~~ watering ***of livestock***, municipal or domestic supply, ***or both***, and ~~[noncontact]~~ recreation ***not involving contact with water***.

Suspended Solids ~~[mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤80 ***mg/l***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~.
Turbidity ~~[NTU]~~ ***Single Value***	--	~~[d]~~ ***b***	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and municipal or domestic supply, ***or both***.
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	***Municipal or domestic supply, or both, propagation of*** ~~[A]~~*a*quatic life~~[b]~~. ~~[and municipal or domestic supply]~~
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤110 ***mg/l*** ≤130 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, irrigation, and ~~[stock]~~ watering ***of livestock*****.**
Chloride~~[s - mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.:]~~ ~~[S.V.:]~~ ≤5 ***mg/l*** ≤7 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***, ***propagation of*** wildlife ~~[propagation[b]]~~, irrigation, and ~~[stock]~~ watering ***of livestock*****.**
Sulfate ~~[mg/l]~~ ***Single Value***		~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic supply~~[b]~~, ***or both***.
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A-Avg.:]~~ ≤8	Irrigation~~[b]~~, and municipal or domestic supply, ***or both***.
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	***Propagation of*** ~~[A]~~*a*quatic life~~[b]~~, and ***propagation of*** wildlife ~~[propagation[b]]~~.
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤100~~ ~~S.V.: ≤200]~~	~~[≤200/400e]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	***Recreation involving contact with the*** ~~[W]~~*w*ater ~~[contact recreation]~~, ~~[noncontact]~~ recreation ***not involving contact with water***, municipal or domestic supply, ***or both***, irrigation, ~~[wildlife propagation]~~ and ~~[stock]~~ watering ***of livestock*****.**

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

b. ~~[The most restrictive beneficial use.~~

~~c. Increase in color must not be more than 10 PCU above natural conditions.~~

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

~~[e. Based on the minimum of not less than 5 samples taken over a 30-day period, the fecal coliform bacterial level may not exceed a geometric mean of 200 per 100 ml nor may more than 10 percent of the total samples taken during any 30-day period exceed 400 per 100 ml.]~~

Environmental Comm'n, Water Pollution Control Reg. part § 4.2.5, Table 18, eff. 5-2-78; A 1-25-79; 8-28-79; 1-25-80; 12-3-80**]**--(NAC A 9-13-85)--(Substituted in revision for NAC 445.13435)

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