PROPOSED REGULATION OF THE

STATE ENVIRONMENTAL COMMISSION

LCB File No. R104-00

July 18, 2000

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

AUTHORITY: §§1-15, 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, 3 and 4 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 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***

FLUSH ***Walker Lake***

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

	REQUIREMENTS		

PARAMETER	*TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*BENEFICIAL USES (Most stringent uses listed first)*
Temperaturea Single Value	*--*	*ΔT ≤2 ℃*	*Propagation of aquatic life.*
pH Single Value	*--*	*Within Range 6.5 - 9.7 SU*	*Propagation of aquatic life, recreation involving contact with water and 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/lb* *≤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/1*	*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 and recreation not involving contact with water.*

FLUSH *a. Maximum allowable increase in temperature above water temperature at the boundary of an approved mixing zone.*

FLUSH *b. TIN annual average computed for calendar year.*

Sec. 4. *STANDARDS OF WATER QUALITY*

East Walker River

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

PARAMETER	*REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY*	*WATER QUALITY STANDARDS FOR BENEFICIAL USES*	*BENEFICIAL USES (Most stringent use listed first)*
Temperature Single Value	*ΔT = 0°Ca*	*Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°Ca*	*Propagation of aquatic life and recreation involving contact with water.*
pH Single Value	*--*	*Within Range 6.5 - 9.0 SU ΔpH: ±0.5 SU Max.*	*Propagation of aquatic life, recreation involving contact with 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 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 Value	*Total Nitrogen ≤ 1.7 mg/l ≤ 0.9 mg/l*	*Nitrate ≤10 mg/l Nitrite ≤0.06 mg/l Ammonia S.V:≤0.02 mg/l (un-ionized)*	*Municipal or domestic supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.*

Dissolved Oxygen *Single Value*	*--*	*Nov.-May: ≥ 6.0 mg/l* *Jun.-Oct.: ≥ 5.0 mg/l*	*Propagation of aquatic life, recreation involving contact with 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 and 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 CaCO3)	*--*	*less than 25% change from natural conditions*	*Propagation of aquatic life and propagation of wildlife.*
Escherichia coli *Annual Geometric Mean* *Single Value*	*--* *--*	*126 MF/100 ml* *235 MF/100 ml*	*Recreation involving contact with water, recreation not involving contact with water, municipal or domestic supply, or both, irrigation and watering of livestock.*

FLUSH

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.

FLUSH

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 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 ~~[.]~~ ***, and section 4 of this regulation.*** 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 white fish,*** 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 white fish,*** 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, 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 Zanis Bridge to the state line, mountain white fish, brown trout and rainbow trout;***

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

~~[(h)]~~ ***(i)*** In the Walker River from Weber Reservoir to the confluence of the East Walker River and West Walker River, channel catfish and largemouth bass;

~~[(i)]~~ ***(j)*** In the Walker River from the inlet to Walker Lake to Weber Reservoir ~~[, channel catfish,]~~ ***:***

(1) Year round, channel catfish and largemouth bass ~~[,]~~ ***; and***

(2) From February through June when the commission determines that adequate flows exist, adult Lahontan cutthroat trout ~~[from April through May,]~~ and adult rainbow trout ~~[from April through June ; and~~

~~(j)]~~ ***;***

(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 STANDARDS OF WATER QUALITY

FLUSH West Walker River

FLUSH 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 ***(Most stringent use listed first)***

Temperature [°C Maximum ΔTa] ***Single Value***	July-Oct.: ≤22°C ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	[Aquatic lifeb and water contact recreation.] ***Propagation of aquatic life and recreation involving contact with water.***
pH [Units] ***Single Value***	--	[S.V.: 7.0 - 8.3] ***Within Range 6.5 - 9.0 SU*** ΔpH: ±0.5 ***SU*** Max.	[Water contact recreationb, wildlife propagationb,] ***Propagation of*** aquatic life, ***recreation involving contact with water, propagation of wildlife,*** irrigation, [stock watering,] ***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***	[Aquatic lifeb, water contact recreationb,] ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply, ***or both,*** and [noncontact recreation.] ***recreation not involving contact with water.***
Nitrogen Species [(N) mg/l] ***as N Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen [A Avg.: ≤0.6 S.V.:] ***≤0.6 mg/l*** ≤0.9 ***: mg/l***	Nitrate [S.V.: ≤10 Nitrite S.V.:] ***≤10 mg/l*** ***Nitrite*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic [supplyb, aquatic lifeb water contact recreation, stock watering, wildlife propagation and noncontact recreation.] ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen [mg/l] ***Single Value***	--	[S.V.: Nov. Apr.: ≥6.0 May Oct.:] ***Nov.-May: ≥6.0 mg/l Jun.-Oct.:*** ≥5.0 ***mg/l***	[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,] ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and [noncontact recreation.] ***recreation not involving contact with water.***
Suspended Solids [mg/l] ***Annual Average Single Value***	[A Avg.:] ≤60 ***mg/l***	[S.V.:] ≤80 ***mg/l***	[Aquatic lifeb.] ***Propagation of aquatic life.***
Turbidity [NTU] ***Single Value***	--	[d] ***b***	[Aquatic lifeb] ***Propagation of aquatic life*** and municipal or domestic supply [.] ***, or both.***
Color [PCU] ***Single Value***	[ ]	[c]	[Aquatic lifeb and municipal] ***Municipal*** or domestic supply [.] ***, or both, and***

	≤26 PCU	***≤75 PCU***	***propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.: ≤165 S.V.:]~~ ***≤165 mg/l*** ≤220 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides mg/l]~~ ***Chloride*** ***Annual Average*** ***Single Value***	~~[A-Avg.: ≤15 S.V.: ≤20]~~ ***≤15 mg/l*** ***≤20 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~ ***Single Value***	~~[ ]~~ ***≤25 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb.]~~ ***supply, or both.***
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A-Avg.:]~~ ≤8	~~[Irrigationb]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	~~[Aquatic lifeb and wildlife propagation.]~~ ***Propagation of aquatic life and propagation of wildlife.***
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	~~[A.G.M.: ≤100]~~ -- --	~~[≤200/400c]~~ ***126 MF/100 ml*** ***235 MF/100 ml***	~~[Water contact recreationb, noncontact recreation,]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[, wildlife propagation and stock watering.]~~ ***and watering of livestock.***

FLUSH 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.

FLUSH 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.]~~

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

445A.161 STANDARDS OF WATER QUALITY

FLUSH Topaz Lake

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C- Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, 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 S.V.:]~~ ***≤0.05 mg/l*** ≤0.10 ***mg/l***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) - mg/l]~~ ***as N*** ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A Avg.: ≤0.6 S.V.: ≤1.0]~~ ***:*** ***≤0.6 mg/l*** ***≤1.0 mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***≤10 mg/l*** ***Nitrite*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l***	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***

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

FLUSH 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.

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

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

~~d.]~~ ***The dissolved oxygen standard from June to October applies only to the epilimnion.***

FLUSH ***c.*** 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.]~~

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

445A.162 STANDARDS OF WATER QUALITY

FLUSH West Walker River

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** water . ~~[contact recreation.]~~
pH ~~[Units]~~ ***Single Value***	--	~~[S.V.: 7.0 – 8.3]~~ ***Within Range***	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life,***

		6.5 - 9.0 SU ΔpH: ±0.5 ***SU*** Max.	***recreation involving contact with water, propagation of wildlife, irrigation, watering of livestock,*** municipal or domestic supply ***, or both,*** and industrial supply.
Total Phosphates (as P) ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.: ≤0.07 S.V.:]~~ ***≤0.07 mg/l*** ≤0.10 ***mg/l***	~~[A-Avg.:]~~ ≤0.1 ***mg/l***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) mg/l]~~ ***as N*** ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.: ≤0.6 S.V.:]~~ ***:*** ***≤0.6 mg/l*** ≤1.0 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***≤10 mg/l*** ***Nitrite*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 ***mg/l*** Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	***--*** ***--***	~~[S.V.:]~~ ≤80 ***mg/l***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	~~[d]~~ ***b***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A-Avg.: ≤175 S.V.:]~~ ***≤175 mg/l*** ≤260 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides mg/l]~~ ***Chloride***	~~[A-Avg.: ≤16 S.V.:]~~	~~[S.V.:]~~	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation***

Annual Average	***≤16 mg/l***		***of wildlife,*** irrigation and ~~[stock watering.]~~
Single Value	≤30 ***mg/l***	≤250 ***mg/l***	***watering of livestock.***
Sulfate ~~[mg/l]~~	--	~~[S.V.:]~~	Municipal or domestic ~~[supplyb.]~~ ***supply, or***
Single Value		≤250 ***mg/l***	***both.***
Sodium ~~[SAR]~~		~~[A Avg.:]~~	~~[Irrigationb]~~ ***Irrigation*** and municipal or
Adsorption	***--***		domestic supply ~~[.]~~ ***, or both.***
Ratio	--	≤8	
Annual Average			
Alkalinity		less than 25% change	~~[Aquatic lifeb and wildlife propagation.]~~
(as $CaCO_3$) ~~[mg/l]~~	--	from natural conditions	***Propagation of aquatic life and propagation of wildlife.***
~~[Fecal Coliform No./100 ml]~~	~~[A.G.M.: ≤50 S.V.: ≤150]~~	~~[≤200/400c]~~	~~[Water contact recreationb, noncontact recreation,]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or***
Escherichia coli			***both,*** irrigation ~~[, wildlife propagation and stock watering.]~~ ***and watering of livestock.***
Annual Geometric Mean	***--***	***126 MF/100ml***	
Single Value	***--***	***235 MF/100ml***	

FLUSH 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.

FLUSH 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.]~~

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

445A.163 STANDARDS OF WATER QUALITY

FLUSH West Walker River

FLUSH

Control Point at the West Walker River above the confluence with the East Walker River at Nordyke Road. The limits of this table apply to the West Walker River above its confluence with the East Walker River to the control point mentioned in NAC 445A.162 (near Wellington).

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *(Most stringent use listed first)*
Temperature ~~[°C Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering.]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, watering of livestock,*** municipal or domestic supply ***, or both,*** and industrial supply.
Total Phosphates (as P) ~~[mg/l]~~ ***Annual Average Single Value***	~~[S.V.:]~~ ≤0.15 ***mg/l***	~~[A-Avg .:]~~ ≤0.10 ***mg/l***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) mg/l]~~ ***as N*** ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.: ≤1.0 S.V.:]~~ ***: ≤1.0 mg/l*** ≤1.2 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***:≤10 mg/l*** ***Nitrite:*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 ***mg/l*** Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not***

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

FLUSH 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.

FLUSH 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.]~~

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

445A.164 STANDARDS OF WATER QUALITY

FLUSH Sweetwater Creek

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, 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***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species	Total ~~[Nitrates~~		Municipal or domestic ~~[supplyb, aquatic~~

~~[(N) mg/l]~~ ***as N*** ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	~~A Avg.: ≤0.25 S.V.:]~~***Nitrate:*** ***≤0.25 mg/l*** ≤0.45 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***:*** ***≤10 mg/l*** ***Nitrite:*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	~~lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 ***mg/l*** Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Single Value***	***≤45 mg/l***	~~[S.V.:]~~ ≤80 ***mg/l***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	~~[d]~~ ***b***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.: ≤220 S.V.:]~~ ***≤220 mg/l*** ≤300 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides mg/l]~~ ***Chloride*** ***Annual Average*** ***Single Value***	~~[A Avg.: ≤5 S.V.:]~~ ***≤5 mg/l*** ≤7 ***mg/l***	-- ~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb.]~~ ***supply, or both.***
Sodium ~~[SAR]~~ ***Adsorption Ratio*** ***Annual Average***	--	~~[A Avg.:]~~ ≤8	~~[Irrigationb]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	~~[Aquatic lifeb and wildlife propagation.]~~ ***Propagation of aquatic life and propagation of wildlife.***

~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli*** ***Annual Geometric Mean*** ***Single Value***	 ***--*** ***--***	~~[≤200/400c]~~ ***126 MF/100ml*** ***235 MF/100ml***	~~[Water contact recreationb, noncontact recreation,]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[, wildlife propagation and stock watering.]~~ ***and watering of livestock.***

FLUSH 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.

FLUSH 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.]~~

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

445A.165 STANDARDS OF WATER QUALITY

FLUSH East Walker River

FLUSH 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 ***(Most stringent use listed first)***
Temperature ~~[°C Maximum~~ ~~ΔTa]~~ ***Single Value***	 ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, 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***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) - mg/l]~~ ***as N*** ***Annual Average*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A Avg.: ≤0.8 S.V.:]~~ ***:*** ***≤0.8 mg/l*** ≤1.4 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***:*** ***≤10 mg/l*** ***Nitrite:*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 ***mg/l*** Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Single Value***	~~[S.V.:]~~ ≤30 ***mg/l***	~~[S.V.:]~~ ***≤80***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	~~[d]~~ ***b***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.: ≤175 S.V.:]~~ ***≤175 mg/l*** ≤210 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***

~~[Chlorides mg/l]~~ ***Chloride Annual Average Single Value***	~~[A Avg.: ≤5 S.V.:]~~ ***≤5 mg/l*** ≤7 ***mg/l***	-- ~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~ ***Single Value***	~~[ ]~~ ***≤26 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb.]~~ ***supply, or both.***
Sodium ~~[SAR]~~ ***Adsorption Ratio Annual Average***	~~[A Avg.:]~~ ≤2	~~[A Avg.:]~~ ≤8	~~[Irrigationb]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	~~[Aquatic lifeb and wildlife propagation.]~~ ***Propagation of aquatic life and propagation of wildlife.***
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli Annual Geometric Mean Single Value***	~~[A.G.M.: ≤20 S.V.: ≤50]~~ ***--*** ***--***	~~[≤200/400c]~~ ***126 MF/100ml 235 MF/100ml***	~~[Water contact recreationb, noncontact recreation,]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[, wildlife propagation and stock watering.]~~ ***and watering of livestock.***

FLUSH

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.

FLUSH

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.]~~

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

445A.166 STANDARDS OF WATER QUALITY

FLUSH

East Walker River

FLUSH

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.]~~ ***East Walker River at Zanis Bridge.***

PARAMETER	REQUIREMENTS TO MAINTAIN EXISTING HIGHER QUALITY	WATER QUALITY STANDARDS FOR BENEFICIAL USES	BENEFICIAL USES *(Most stringent use listed first)*
Temperature ~~[°C - Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, watering of livestock,*** municipal or domestic supply ***, or both,*** and industrial supply.
Total Phosphates (as P) ~~[- mg/l]~~ ***Annual Average Single Value***		~~[A-Avg.: ≤0.16 S.V.:]~~ ***≤0.16 mg/l*** ≤0.39 ***mg/l***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) - mg/l]~~ ***as N*** ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A-Avg.: ≤0.9 S.V.:]~~ ***:*** ***≤0.9 mg/l*** ≤1.7 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***:*** ***≤10 mg/l*** ***Nitrite:*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
		~~[S.V.:]~~	~~[Aquatic lifeb, water contact recreation,~~

Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	***Nov.-May: ≥6.0 mg/l Jun.-Oct.:*** ≥5.0 ***mg/l***	~~wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Single Value***	***--***	~~[S.V.:]~~ ≤80 ***mg/l***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	~~[d]~~ ***b***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average Single Value***	~~[A-Avg.: ≤320 S.V.:]~~ ***≤320 mg/l*** ≤390 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides - mg/l]~~ ***Chloride Annual Average Single Value***	~~[A-Avg.: ≤13 S.V.:]~~ ***≤13 mg/l*** ≤19 ***mg/l***	-- ~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~ ***Single Value***	~~[ ]~~ ***≤44 mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb.]~~ ***supply, or both.***
Sodium ~~[SAR]~~ ***Adsorption Ratio Annual Average***	--	~~[A-Avg.:]~~ ≤8	~~[Irrigationb]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Alkalinity (as $CaCO_3$) ~~[mg/l]~~	--	less than 25% change from natural conditions	~~[Aquatic lifeb and wildlife propagation.]~~ ***Propagation of aquatic life and propagation of wildlife.***
~~[Fecal Coliform No./100 ml]~~ ***Escherichia coli Annual Geometric Mean Single Value***	~~[A.G.M.: ≤75 S.V.: ≤350]~~ ***--*** ***--***	~~[≤200/400e]~~ ***126 MF/100ml 235 MF/100ml***	~~[Water contact recreationb, noncontact recreation,]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[, wildlife propagation and stock watering.]~~ ***and watering of livestock.***

FLUSH

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.

FLUSH 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.]~~

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

445A.167 STANDARDS OF WATER QUALITY

FLUSH Walker River

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Mar.: ≤13°C Apr.-Jun.: ~~[≤24°C]~~ ***≤23 °Cb*** Jul.-Oct.: ≤28°C ΔT ≤2°C	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, watering of livestock,*** municipal or domestic supply ***, or both,*** and industrial supply.
Total Phosphates (as P) ~~[mg/l]~~		~~[A-Avg.: ≤0.26 S.V.:]~~	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation***

Annual Average ***Single Value***		***≤0.26 mg/l*** ≤0.40 ***mg/l***	***involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) mg/l]~~ ***as N*** ***Annual Average*** ***Single Value*** ***Single Value*** ***Single Value***	Total Nitrogen ~~[A Avg.: ≤1.2 S.V.:]~~ ***:*** ***≤1.2 mg/l*** ≤1.5 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:≤5]~~ ***:*** ***≤10 mg/l*** ***Nitrite: ≤1 mg/lc*** Ammonia S.V.: ≤0.06 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 ***mg/l*** Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Single Value***	***--***	~~[S.V.:]~~ ≤80 ***mg/l***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	d	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.: ≤400 S.V.:]~~ ***≤400 mg/l*** ≤450 ***mg/l***	~~[A Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides mg/l]~~ ***Chloride*** ***Annual Average*** ***Single Value***	~~[A Avg.: ≤30 S.V.:]~~ ***≤30 mg/l*** ≤35 ***mg/l***	-- ~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~ ***Annual Average*** ***Single Value***	~~[A Avg.: ≤95 S.V.:]~~ ***≤95 mg/l*** ≤110 ***mg/l***	~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb.]~~ ***supply, or both.***
Sodium ~~[SAR]~~ ***Adsorption***	~~[SAR A Avg.:]~~	~~[A Avg.:]~~	~~[Irrigationb]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***

Ratio Annual Average	≤3	≤8	
Alkalinity (as $CaCO_3$) ~~[~~ mg/l~~]~~	--	less than 25% change from natural conditions	~~[~~Aquatic lifeb and wildlife propagation.~~]~~ ***Propagation of aquatic life and propagation of wildlife.***
~~[~~Fecal Coliform No./100 ml~~]~~ ***Escherichia coli Annual Geometric Mean Single Value***	~~[~~A.G.M.: ≤100 S.V.: ≤200~~]~~	~~[~~≤200/400c~~]~~ ***126 MF/100ml 235 MF/100ml***	~~[~~Water contact recreationb, noncontact recreation,~~]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[~~, wildlife propagation and stock watering.~~]~~ ***and watering of livestock.***

FLUSH 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.

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

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

FLUSH ***c. 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.***

FLUSH 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.]~~

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

445A.168 STANDARDS OF WATER QUALITY

FLUSH Walker River

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C - Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Mar.: ≤13°C Apr.-Jun.: ≤23°C***b*** Jul.-Oct.: ≤28°C ΔT ≤2°C	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, watering of livestock,*** municipal or domestic supply ***, or both,*** and industrial supply.
Total Phosphates (as P) ~~[mg/l]~~ ***Annual Average Single Value***		~~[A Avg.: ≤0.17 S.V.:]~~ ***≤0.17 mg/l*** ≤0.23 ***mg/l***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) mg/l]~~ ***as N*** ***Annual Average Single Value*** ***Single Value Single Value***	Total Nitrogen ~~[A Avg.: ≤0.6 S.V.:]~~ ***:*** ***≤1.2 mg/l*** ≤1.5 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***:*** ***≤10 mg/l*** ***Nitrite:*** ≤1 ***mg/lc*** Ammonia S.V.: ≤0.06 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.: Nov. Apr.: ≥6.0 May Oct.:]~~ ***Nov.-May: ≥6.0 mg/l*** ***Jun.-Oct.:*** ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***

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

FLUSH 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.

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

~~c. Increase in color must not be more than 10 PCU above natural conditions.]~~ ***The temperature beneficial use standard is ≤21°C during February through June when Lahontan cutthroat trout are present.***

FLUSH ***c. The nitrite beneficial use standard is ≤0.06 mg/l during February through June when Lahontan cutthroat trout are present.***

FLUSH 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.]~~

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

445A.169 STANDARDS OF WATER QUALITY

FLUSH Desert Creek

FLUSH 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 *(Most stringent use listed first)*
Temperature ~~[°C Maximum ΔTa]~~ ***Single Value***	ΔT = 0°C***a***	Nov.-Apr.: ≤13°C May-Jun.: ≤17°C Jul.-Oct.: ≤23°C ΔT ≤2°C***a***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and ***recreation involving contact with*** 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.	~~[Water contact recreationb, wildlife propagationb, aquatic life, irrigation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, irrigation, 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***	~~[Aquatic lifeb, water contact recreationb,]~~ ***Propagation of aquatic life, recreation involving contact with water,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Nitrogen Species ~~[(N) - mg/l]~~ ***as N*** ***Annual Average Single Value*** ***Single Value*** ***Single Value***	Total ~~[Nitrates A-Avg.: ≤0.20 S.V.:]~~ ***Nitrate: ≤0.20 mg/l*** ≤0.27 ***mg/l***	Nitrate ~~[S.V.: ≤10 Nitrite S.V.:]~~ ***: ≤10 mg/l*** ***Nitrite:*** ≤0.06 ***mg/l*** Ammonia S.V.: ≤0.02 ***mg/l*** (un-ionized)	Municipal or domestic ~~[supplyb, aquatic lifeb, water contact recreation, stock watering, wildlife propagation and noncontact recreation.]~~ ***supply, or both, propagation of aquatic life, recreation involving contact with water, watering of livestock, propagation of wildlife and recreation not involving contact with water.***
Dissolved Oxygen ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ Nov.-May: ≥6.0 mg/l Jun.-Oct.: ≥5.0 ***mg/l***	~~[Aquatic lifeb, water contact recreation, wildlife propagation, stock watering,]~~ ***Propagation of aquatic life, recreation involving contact with water, propagation of wildlife, watering of livestock,*** municipal or domestic supply ***, or both,*** and ~~[noncontact recreation.]~~ ***recreation not involving contact with water.***
Suspended Solids ~~[mg/l]~~ ***Single Value***	--	~~[S.V.:]~~ ≤80 ***mg/l***	~~[Aquatic lifeb.]~~ ***Propagation of aquatic life.***
Turbidity ~~[NTU]~~ ***Single Value***	***--***	~~[d]~~ ***b***	~~[Aquatic lifeb]~~ ***Propagation of aquatic life*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Color ~~[PCU]~~ ***Single Value***	--	~~[c]~~ ***≤75 PCU***	~~[Aquatic lifeb and municipal]~~ ***Municipal*** or domestic supply ~~[.]~~ ***, or both, and propagation of aquatic life.***
Total Dissolved Solids ~~[mg/l]~~ ***Annual Average Single Value***	~~[A-Avg.: ≤110 S.V.:]~~ ***≤110 mg/l*** ≤130 ***mg/l***	~~[A-Avg.:]~~ ≤500 ***mg/l***	Municipal or domestic ~~[supplyb,]~~ ***supply, or both,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
~~[Chlorides mg/l]~~ ***Chloride Annual Average Single Value***	~~[A-Avg.: ≤5 S.V.:]~~ ***≤5 mg/l*** ≤7 ***mg/l***	-- ~~[S.V.:]~~ ≤250 ***mg/l***	Municipal or domestic ~~[supplyb, wildlife propagation,]~~ ***supply, or both, propagation of wildlife,*** irrigation and ~~[stock watering.]~~ ***watering of livestock.***
Sulfate ~~[mg/l]~~	--	~~[S.V.:]~~	Municipal or domestic ~~[supplyb.]~~ ***supply, or***

Single Value		≤250 ***mg/l***	***both.***
Sodium ~~[~~ SAR~~]~~ ***Adsorption Ratio Annual Average***	--	~~[~~A-Avg.:~~]~~ ≤8	~~[~~Irrigationb~~]~~ ***Irrigation*** and municipal or domestic supply ~~[.]~~ ***, or both.***
Alkalinity (as $CaCO_3$) ~~[~~ mg/l~~]~~	--	less than 25% change from natural conditions	~~[~~Aquatic lifeb and wildlife propagation.~~]~~ ***Propagation of aquatic life and propagation of wildlife.***
~~[~~Fecal Coliform No./100 ml~~]~~ ***Escherichia coli Annual Geometric Mean Single Value***	~~[~~A.G.M.: ≤100 S.V.: ≤200~~]~~	~~[~~≤200/400c~~]~~ ***126 MF/100ml 235 MF/100ml***	~~[~~Water contact recreationb, noncontact recreation,~~]~~ ***Recreation involving contact with water, recreation not involving contact with water,*** municipal or domestic supply, ***or both,*** irrigation ~~[~~, wildlife propagation and stock watering.~~]~~ ***and watering of livestock.***

FLUSH

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.

FLUSH

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.]~~