

PROPOSED REGULATION OF THE STATE

ENVIRONMENTAL COMMISSION

LCB File No. R063-04

June 30, 2004

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

AUTHORITY: §§1-19 and 21-24, NRS 445A.425; §20, NRS 445A.425 and 445A.430.

A REGULATION relating to reuse of treated effluent; increasing the number and types of activities for which treated effluent may be used under certain circumstances; substantially revising the scheme for describing categories of approved reuse; and providing other matters properly relating thereto.

Section 1. Chapter 445A of NAC is hereby amended by adding thereto the provisions set forth as sections 2 to 19, inclusive, of this regulation.

Sec. 2. *As used in NAC 445A.275 to 445A.280, inclusive, and sections 2 to 19, inclusive, of this regulation, unless the context otherwise requires, the words and terms defined in sections 3 to 10, inclusive, of this regulation have the meanings ascribed to them in those sections.*

Sec. 3. *“Area of use” means a site, or an area of land, where treated effluent is in use pursuant to NAC 445A.275 to 445A.280, inclusive, and sections 2 to 19, inclusive, of this regulation.*

Sec. 4. *“Buffer zone” means a bounded area adjacent to, and surrounding, an area of use, that is subject to the provisions of section 14 of this regulation.*

Sec. 5. *“Graywater” means untreated household wastewater that has not come into contact with toilet waste. The term includes, without limitation, used water from bathtubs,*

showers and bathroom washbasins, and water from machines for washing clothes and laundry tubs, but does not include wastewater from kitchen sinks or dishwashers.

Sec. 6. *“Impoundment” means a lake, reservoir or lined holding basin.*

Sec. 7. *“Spray irrigation” means irrigation using sprinklers that are located above the ground surface.*

Sec. 8. *“Subsurface irrigation” means irrigation using an underground distribution system.*

Sec. 9. *“Surface irrigation” means irrigation using a flood irrigation system or a drip irrigation system. The term does not include spray irrigation.*

Sec. 10. *“Treated effluent” means sewage that has been treated by a physical, biological or chemical process. The term does not include graywater.*

Sec. 11. *For the purposes of NAC 445A.275 to 445A.280, inclusive, and sections 2 to 19, inclusive, of this regulation, the term “agricultural purposes” does not include the growing of crops for human consumption.*

Sec. 12. *1. A person using treated effluent shall post signs along the outer perimeter of the:*

(a) Area of use; and

(b) Buffer zone, if any.

2. The signs must provide reasonable notice to the general public that:

(a) Treated effluent is in use; and

(b) Contact with the effluent should be avoided.

Sec. 13. *1. A person using treated effluent for irrigation shall not:*

(a) Allow the effluent to run off the site being irrigated.

(b) Except as otherwise provided in section 18 of this regulation, use treated effluent to irrigate crops intended for human consumption.

2. A person using treated effluent for spray irrigation shall conduct the irrigation in a manner that inhibits the treated effluent spray from drifting beyond the area of use or the buffer zone, if any.

Sec. 14. *1. Except as otherwise provided in sections 17, 18 and 19 of this regulation, the Division will establish the size of a buffer zone.*

2. The inner boundary of a buffer zone is determined by measuring a distance equal to the size of the buffer zone from:

(a) A boundary line of the property on which the site is located;

(b) A sign posted pursuant to section 12 of this regulation informing the public of the presence of treated effluent; or

(c) Any point where the property is open to public access,

↪ as determined by the Division.

3. Except as otherwise provided in section 13 of this regulation, a buffer zone must be kept free of treated effluent.

Sec. 15. *Treated effluent that meets the requirements for bacteriological quality set forth in NAC 445A.276 for reuse category A may be used for:*

1. Spray irrigation of land used as a cemetery, commercial lawn, golf course, greenbelt, landscape or park even if:

(a) Public access to the area of use is not controlled; and

(b) Human contact with the treated effluent can reasonably be expected to occur.

2. An impoundment in which swimming is prohibited even if:

- (a) Public access to the impoundment is not controlled; and*
- (b) Human contact with the treated effluent can reasonably be expected to occur.*
- 3. Any activity approved for reuse category B, C, D or E.*
- 4. Any other use that is approved by the Division.*

Sec. 16. *Treated effluent that meets the requirements for bacteriological quality set forth in NAC 445A.276 for reuse category B may be used for:*

1. Spray irrigation of land used as a cemetery, commercial lawn, golf course, greenbelt or park if:

- (a) Public access to the area of use is controlled; and*
- (b) Human contact with the treated effluent cannot reasonably be expected to occur.*
- 2. Subsurface irrigation of land used as a commercial lawn, greenbelt or park.*
- 3. Spray water in a street sweeper.*
- 4. Cooling water in an industrial process.*
- 5. Fire-fighting operations in an urban area if approved by the fire department, fire protection district or other fire-fighting agency in whose district the fire occurs.*
- 6. Any activity approved for reuse category C, D or E.*
- 7. Any other use that is approved by the Division.*

Sec. 17. *1. Treated effluent that meets the requirements for bacteriological quality set forth in NAC 445A.276 for reuse category C may be used for:*

- (a) Spray irrigation of land used as a cemetery, golf course or greenbelt if:*
 - (1) Public access to the area of use is controlled;*
 - (2) Human contact with the treated effluent does not occur; and*
 - (3) A buffer zone of not less than 100 feet is maintained.*

(b) Watering of nursery stock if public access to the area of use is controlled.

(c) Establishment, restoration or maintenance of a wetland if public access to the wetland is controlled.

(d) Washing of gravel used in concrete mixing.

(e) Feed water for a boiler.

(f) An impoundment if:

(1) Public access to the impoundment is controlled; and

(2) Human contact with the treated effluent cannot reasonably be expected to occur.

(g) Fire fighting of forest or other wildland fires if approved by the fire department, fire protection district or other fire-fighting agency in whose district the fire occurs.

(h) Any activity approved for reuse category D or E.

(i) Any other use that is approved by the Division.

2. As used in this section:

(a) "Nursery stock" has the meaning ascribed to it in NRS 555.23562.

(b) "Wetland" has the meaning ascribed to it in NRS 244.388.

Sec. 18. 1. Treated effluent that meets the requirements for bacteriological quality set forth in NAC 445A.276 for reuse category D may be used for:

(a) Spray irrigation of land used for agricultural purposes if:

(1) Public access to the area of use is prohibited; and

(2) A buffer zone of not less than 400 feet is maintained.

(b) Surface irrigation of land used:

(1) As landscape if:

(I) Public access to the area of use is prohibited; and

(II) Human contact with the treated effluent cannot reasonably be expected to occur.

(2) For agricultural purposes; and

(3) For the cultivation of fruit-bearing trees or nut-bearing trees.

(c) Subsurface irrigation of land used for agricultural purposes if public access is controlled.

(d) Dust control.

(e) Soil compaction.

(f) Flushing sewer lines.

(g) An impoundment if:

(1) Public access to the impoundment is prohibited;

(2) All human activities involving contact with the treated effluent are prohibited; and

(3) Human contact with the treated effluent does not occur.

(h) Any activity approved for reuse category E.

(i) Any other use approved by the Division.

2. As used in this section, “dust control” means the program required pursuant to NAC 445B.22037 to prevent controllable particulate matter from becoming airborne.

Sec. 19. *Treated effluent that meets the requirements for bacteriological quality set forth in NAC 445A.276 for reuse category E may be used for:*

1. Spray irrigation of land used for agricultural purposes if:

(a) Public access to the area of use is prohibited; and

(b) A buffer zone of not less than 800 feet is maintained.

2. Any other use that is approved by the Division.

Sec. 20. NAC 445A.232 is hereby amended to read as follows:

445A.232 1. Except as otherwise provided in subsections 2 and 7, a nonrefundable application fee must accompany each original application for a permit, each application for a modification to a permit, other than a minor modification made pursuant to NAC 445A.263, and each application to renew a permit which is submitted to or required by the Director. The Director shall charge the following fees:

Type of Permit	Application	Fee for
Issued	Fee	Annual Review and Services
DISCHARGE OF DOMESTIC WASTEWATER		
Less than 50,000 gallons daily	\$1,000	\$1,000
50,000 gallons or more but less than 250,000 gallons daily	1,500	1,500
250,000 gallons or more but less than 500,000 gallons daily	2,000	2,000

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
500,000 gallons or more but less than 1,000,000 gallons daily	3,000	3,000
1,000,000 gallons or more but less than 2,000,000 gallons daily	4,000	4,000
2,000,000 gallons or more but less than 5,000,000 gallons daily	6,000	6,000
5,000,000 gallons or more but less than 10,000,000 gallons daily	10,000	10,000
10,000,000 gallons or more but less than 20,000,000 gallons daily	10,000	20,000
20,000,000 gallons or more but less than 40,000,000 gallons daily	10,000	30,000

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
40,000,000 gallons or more daily.....	10,000	40,000
DISCHARGE OF TREATED EFFLUENT [FOR IRRIGATION]		
Less than 50,000 gallons daily	\$750	\$750
50,000 gallons or more but less than 250,000 gallons daily	1,000	1,000
250,000 gallons or more but less than 500,000 gallons daily	1,250	1,250
500,000 gallons or more but less than 1,000,000 gallons daily	1,500	1,500

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
1,000,000 gallons or more but less than 10,000,000 gallons daily	2,000	2,000
10,000,000 gallons or more but less than 20,000,000 gallons daily	2,500	2,500
20,000,000 gallons or more but less than 40,000,000 gallons daily	3,000	3,000
40,000,000 gallons or more daily.....	3,500	3,500

DISCHARGE FROM REMEDIATION,
DEWATERING, OTHER THAN A DISCHARGE
TO GROUND WATER FROM THE
DEWATERING OF A MINE, OR FROM A
POWER PLANT, A MANUFACTURING OR
FOOD PROCESSING FACILITY OR ANY

Type of Permit	Application	Fee for
Issued	Fee	Annual
		Review
		and
		Services
OTHER COMMERCIAL OR INDUSTRIAL		
FACILITY		
Cooling water only	\$2,000	\$2,000
Less than 50,000 gallons of process		
water daily	2,500	2,500
50,000 gallons or more but less than		
250,000 gallons of process water daily	3,000	3,000
250,000 gallons or more but less than		
500,000 gallons of process water daily	4,000	4,000
500,000 gallons or more but less than		
1,000,000 gallons of process water daily	5,000	5,000

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
1,000,000 gallons or more but less than 2,000,000 gallons of process water daily	6,000	6,000
2,000,000 gallons or more but less than 5,000,000 gallons of process water daily	8,000	8,000
5,000,000 gallons or more but less than 10,000,000 gallons of process water daily	10,000	10,000
10,000,000 gallons or more but less than 20,000,000 gallons of process water daily	10,000	20,000
20,000,000 gallons or more but less than 40,000,000 gallons of process water daily	10,000	30,000
40,000,000 gallons or more of process water daily	10,000	40,000

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
--------------------------	--------------------	--

DISCHARGE FROM A TREATMENT
PLANT FOR DRINKING WATER

Intermittent discharge of less than 100,000 gallons daily	\$500	\$500
Intermittent discharge of 100,000 gallons or more but less than 1,000,000 gallons daily	750	750
Intermittent discharge of 1,000,000 gallons or more daily	1,000	1,000
Routine discharge of less than 100,000 gallons daily	500	500

Type of Permit	Application	Fee for
Issued	Fee	Annual
		Review
		and
		Services
Routine discharge of 100,000 gallons or more		
but less than 1,000,000 gallons daily	750	750
Routine discharge of 1,000,000 gallons or		
more daily	1,000	1,000
DISCHARGE OF WASTEWATER FROM A CONCENTRATED ANIMAL FEEDING OPERATION		
Less than 100,000 gallons daily	\$1,500	\$1,500
100,000 gallons or more but less than		
500,000 gallons daily	2,000	2,000
500,000 gallons or more daily.....	2,500	2,500

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
<p>PERMIT FOR A CONCENTRATED ANIMAL FEEDING OPERATION THAT DOES NOT DISCHARGE WASTEWATER</p>		
Area of a holding facility that is less than 10 acres.....	\$1,500	\$1,500
Area of a holding facility that is 10 acres or more but less than 20 acres	2,000	2,000
Area of a holding facility that is 20 acres or more	2,500	2,500
<p>DISCHARGE FROM A FISH HATCHERY</p>		
Less than 500,000 gallons daily	\$750	\$750

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
500,000 gallons or more but less than 2,500,000 gallons daily	1,000	1,000
2,500,000 gallons or more daily.....	1,500	1,500
 OTHER PERMITTED DISCHARGES		
Less than 50,000 gallons daily	\$1,000	\$1,000
50,000 gallons or more but less than 250,000 gallons daily	1,500	1,500
250,000 gallons or more but less than 500,000 gallons daily	3,000	3,000

Type of Permit Issued	Application Fee	Fee for Annual Review and Services
500,000 gallons or more but less than 1,000,000 gallons daily	5,000	5,000
1,000,000 gallons or more but less than 10,000,000 gallons daily	10,000	10,000
10,000,000 gallons or more but less than 35,000,000 gallons daily	10,000	20,000
35,000,000 gallons or more daily.....	10,000	30,000
REUSE OF SEWAGE SLUDGE		
Less than 20,000 cubic yards per year	\$1,500	\$1,500
20,000 cubic yards or more per year.....	3,000	3,000

Type of Permit	Application	Fee for
Issued	Fee	Annual
		Review
		and
		Services
REUSE OF		
DOMESTIC SEPTAGE.....	\$1,000	\$1,000
DISCHARGE FROM A		
RECREATIONAL LAKE	\$5,000	\$5,000
TEMPORARY PERMIT	\$250	Not
		Applicable

2. Except as otherwise provided in this subsection and subsection 7, a nonrefundable application fee must accompany each original application for a permit and each application to renew a permit for the discharges set forth in this subsection that is submitted to or required by the Director. The Director shall charge the following fees:

Type of Discharge Permitted	Application Fee for Original Permit	Application Fee for Renewal of Permit	Fee for Annual Review and Services
-----------------------------	-------------------------------------	---------------------------------------	------------------------------------

DISCHARGE TO GROUND WATER FROM THE DEWATERING OF A MINE

Cooling water only.....	\$625	\$315	\$1,000
Less than 50,000 gallons of process water daily.....	625	315	1,500
50,000 gallons or more but less than 1,000,000 gallons of process water daily.....	875	440	2,000
1,000,000 gallons or more but less than 5,000,000 gallons of process water daily.....	1,000	500	2,500
5,000,000 gallons or more of process water daily.....	1,250	625	3,000

Type of Discharge	Application Fee for Original Permit	Application Fee for Renewal of Permit	Fee for Annual Review and Services
-------------------	---	---	---

MINING

Discharging wash water where chemicals are not added for metallurgical recovery.....	\$500	\$500	\$250
--	-------	-------	-------

Chemically processing less than 18,250 tons per year or a pilot or testing facility	500	500	250
--	-----	-----	-----

Chemically processing 18,250 tons per year or more but less than 36,500 tons per year	1,500	1,500	2,000
--	-------	-------	-------

Chemically processing
36,500 tons per year

Type of Discharge	Application Fee for Original Permit	Application Fee for Renewal of Permit	Fee for Annual Review and Services
Permitted			
or more but less than			
100,000 tons per year	4,000	4,000	4,000
Chemically processing			
100,000 tons per year			
or more but less than			
500,000 tons per year	6,000	6,000	8,000
Chemically processing			
500,000 tons per year			
or more but less than			
1,000,000 tons per year	10,000	10,000	10,000
Chemically processing			
1,000,000 tons per year			
or more but less than			
2,000,000 tons per year	14,000	14,000	14,000

Type of Discharge	Application Fee for Original Permit	Application Fee for Renewal of Permit	Fee for Annual Review and Services
Permitted			
Chemically processing 2,000,000 tons per year or more	20,000	20,000	20,000
Monitoring of closed facilities	250	250	500

RUNOFF OF STORM WATER

Industrial or commercial facility, including any structure, that is 5 acres to 10 acres, inclusive, in size	\$300	\$150	\$750
Industrial or commercial facility, including any structure, that is more than 10 acres but less than 25 acres in size	600	300	750

Type of Discharge Permitted	Application Fee for Original Permit	Application Fee for Renewal of Permit	Fee for Annual Review and Services
-----------------------------	-------------------------------------	---------------------------------------	------------------------------------

Industrial or commercial facility, including any structure, that is more than 25 acres in size	1,000	500	750
--	-------	-----	-----

Municipality whose population is 250,000 or less	600	300	750
--	-----	-----	-----

Municipality whose population is more than 250,000	1,000	500	1,000
--	-------	-----	-------

3. To determine the number of acres of a holding facility for an application fee or a fee for the annual review and services for a permit issued to a concentrated animal feeding operation that does not discharge wastewater, the Director shall multiply the number of animals in the concentrated animal feeding operation by .0023.

4. An application fee or a fee for the annual review and services charged pursuant to subsection 1 must be based upon the limit of flow, in gallons per day, of the discharge authorized in the permit.

5. The application fee for a permit with a term of less than 5 years must be reduced by the Director in accordance with the term of the permit, but in no case may the fee be reduced by an amount equal to more than one-third of the fee set forth in this section.

6. If required, the fee for the annual review and services must be:

(a) Submitted to the Division on or before July 1 of each year; and

(b) Paid in advance for the period of review that relates to the fiscal year following payment.

7. If a storm water runoff permit is not required, the Director may refund the application fee for the permit.

8. On July 1, 2002, and on July 1 of each even-numbered year thereafter, up to and including July 1, 2010, the Director shall increase by 5 percent each fee for the annual review and services set forth in subsection 1. To determine the amount of each fee that is due on or after July 1, 2002, the Director shall multiply the fee set forth in subsection 1 by:

(a) For the fees due on July 1, 2002, and July 1, 2003, 1.05;

(b) For the fees due on July 1, 2004, and July 1, 2005, 1.1025;

(c) For the fees due on July 1, 2006, and July 1, 2007, 1.1576;

(d) For the fees due on July 1, 2008, and July 1, 2009, 1.2155; and

(e) For the fees due on or after July 1, 2010, 1.2763.

↪ In establishing the annual fee for the review and services pursuant to this subsection, the Director shall round to the nearest dollar.

9. The Director may allow a holder of a permit to pay any fee required by subsection 1 pursuant to a payment plan if the holder of the permit submits a petition to the Division, on a form prescribed by the Division, which demonstrates that the payment of the fee in a lump sum would cause financial hardship to the holder of the permit.

10. As used in this section:

(a) “Concentrated animal feeding operation” has the meaning ascribed to it in 40 C.F.R. §

122.23.

(b) “Domestic septage” has the meaning ascribed to it in 40 C.F. R. § 503.9.

(c) “Sewage sludge” has the meaning ascribed to it in 40 C.F.R. § 503.9.

Sec. 21. NAC 445A.275 is hereby amended to read as follows:

445A.275 1. A person shall not use treated effluent ~~for irrigation unless he has:~~

~~—(a) Submitted to the Division and has received]~~

unless:

(a) *The person has:*

(1) *Received* the approval of the Division of a plan for the management of effluent; and

~~[(b)]~~ (2) Obtained a permit pursuant to NAC 445A.228 to 445A.263, inclusive ~~[~~

~~—2.— A person using treated effluent for irrigation by flooding or sprinklers shall use effluent that]; and~~

(b) *The treated effluent* has received at least secondary treatment.

2. As used in this ~~[subsection:]~~ *section:*

(a) “Secondary treatment” means the ~~[biological oxidization of the sewage to a point where]~~

treatment of sewage until the sewage has ~~[a]~~, *calculated as a 30-day average:*

(1) *A 5-day inhibited biochemical oxygen demand concentration of 30 milligrams per liter or less* ~~[.];~~

(2) *A total suspended solids concentration of 30 milligrams per liter or less; and*

(3) *A pH of 6.0 to 9.0 SU.*

(b) “Five-day inhibited biochemical oxygen demand” means the amount of dissolved oxygen ~~[in milligrams per liter required during stabilization of]~~ *required to stabilize* the carbonaceous decomposable organic matter by aerobic bacterial action at 20 degrees centigrade for 5 days.

~~[3.— Any person using treated effluent for irrigation shall post a notice at the site of irrigation warning the general public to avoid contact with the treated effluent.~~

~~—4.— Except as otherwise provided in this subsection, a person shall not use treated effluent to irrigate crops for human consumption. A person may use treated effluent for surface irrigation of fruit bearing trees and nut bearing trees.~~

~~—5.— A person using treated effluent to irrigate by sprinklers shall conduct the irrigation in a manner which inhibits the treated effluent from drifting or carrying outside the buffer zone.~~

~~—6.— A person shall not allow treated effluent used in irrigation to run off the site being irrigated.]~~

(c) “*Plan for the management of effluent*” includes:

(1) *An effluent management plan; and*

(2) *A site specific management plan.*

Sec. 22. NAC 445A.276 is hereby amended to read as follows:

445A.276 1. Treated effluent being used for ~~[spray irrigation]~~ *an activity approved for a reuse category* must meet *or exceed* the following requirements for bacteriological quality ~~[and buffer zone limitations:]~~ *for that category:*

	<i>Total Coliform</i>	Fecal Coliform			
	<i>c.f.u. or mpn/100 ml</i>	c.f.u. or mpn/100 ml			
Reuse Permitted <i>Category</i>	<i>A</i>	[A] <i>B</i>	[A(1)] <i>C</i>	[B] <i>D</i>	[C] <i>E</i>
30-day geometric mean	<i>2.2</i>	[No Limit] <i>2.2</i>	[200] <i>23</i>	[23] <i>200</i>	[2.2] <i>No limit</i>
Maximum daily number	<i>23</i>	[No Limit] <i>23</i>	[400] <i>240</i>	[240] <i>400</i>	[23] <i>No limit</i>
[Minimum Buffer Zone (Feet)]		[800]	[400]	[100]	[0]

2. As used in this section ~~⌈~~:

~~—(a) Category “A” means irrigation with treated effluent of land used for:~~

~~—(1) Pasture; or~~

~~—(2) Other agricultural purposes except growing crops for human consumption;~~

~~→ where public access to the site being irrigated is prohibited. Treated effluent being used for activities falling within category A must meet the requirements for bacteriological quality and buffer zone limitations identified in subsection 1 as applicable to category A or meet the requirements for bacteriological quality and buffer zone limitations identified in subsection 1 as applicable to category A(1).~~

~~—(b) Category “B” means irrigation with treated effluent of land used for:~~

~~—— (1) A golf course, cemetery or greenbelt where public access to the site being irrigated is controlled and human contact with the treated effluent does not occur;~~

~~—— (2) An impoundment where all activities are prohibited and human contact with the treated effluent does not occur; or~~

~~—— (3) Any combination of a use listed in paragraph (a) and a use listed in subparagraph (1) or (2) of this paragraph.~~

~~→ Treated effluent being used for activities falling within category B must meet the requirements for bacteriological quality and buffer zone limitations identified in subsection 1 as applicable to category B.~~

~~—— (c) Category “C” means irrigation with treated effluent of land used for:~~

~~—— (1) A cemetery, highway median, greenbelt, park, playground or residential or commercial lawn where public access to the site being irrigated is controlled and human contact with the treated effluent cannot reasonably be expected;~~

~~—— (2) Impoundments where full body contact with the treated effluent cannot reasonably be expected;~~

~~—— (3) Any other purpose not included in category A or B; or~~

~~—— (4) Any combination of an activity listed in paragraph (a) or (b) and an activity listed in subparagraph (1), (2) or (3) of this paragraph.~~

~~→ Treated effluent being used for activities falling within category C must meet the requirements for bacteriological quality and buffer zone limitations identified in subsection 1 as applicable to category C.~~

~~—— (d) “C.f.u.”, “c.f.u.” or mpn/100 ml” means colony forming units or most probable number per 100 milliliters of the treated effluent.~~

Sec. 23. NAC 445A.280 is hereby amended to read as follows:

445A.280 The Director may waive compliance with or modify any requirement of NAC 445A.275 to 445A.280, inclusive, *and sections 2 to 19, inclusive, of this regulation* for a specific ~~[project of irrigation]~~ *proposed use of treated effluent* upon his determination that because of the size, type or location of the ~~[project of irrigation,]~~ *proposed use*, the waiver or modification is consistent with the policy set forth in NRS 445A.305.

Sec. 24. NAC 445A.076, 445A.277 and 445A.278 are hereby repealed.

TEXT OF REPEALED SECTIONS

445A.076 “Buffer zone” defined. “Buffer zone” means the distance measured between the boundary of any site irrigated with treated effluent and:

1. The boundary line of the property on which the site is located;
 2. The notice posted pursuant to subsection 3 of NAC 445A.275 warning the public of the presence of treated effluent; or
 3. Any point where the property is open to public access,
- ↪ whichever measurement is least.

445A.277 Exceptions to requirements for buffer zone and control of public access. A buffer zone and control of public access is not required where treated effluent is used for irrigation of land used for a cemetery, golf course, greenbelt, impoundment where full body

contact can reasonably be expected, park, playground or commercial or residential lawn, if the treated effluent:

1. Has a total coliform concentration of 2.2, or less, per 100 milliliters of the treated effluent as a 30-day geometric mean; and
2. Has a total coliform concentration of 23, or less, per 100 milliliters of the treated effluent as a maximum daily number.

445A.278 Drip or surface irrigation of landscape: Minimum level of disinfection. The minimum level of disinfection for drip irrigation of landscape and surface irrigation of landscape with treated effluent in areas where public access is controlled is 200 fecal coliform per 100 milliliters of the treated effluent as a 30-day geometric mean and 400 fecal coliform per 100 milliliters of the treated effluent as a maximum daily number.