# GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2013

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## SENATE BILL 328 PROPOSED COMMITTEE SUBSTITUTE S328-PCS35361-RIf-20

Short Title: Solid Waste Management Reform Act of 2013.

(Public)

D

Sponsors:

Referred to:

#### March 19, 2013

#### A BILL TO BE ENTITLED

2 AN ACT TO (1) EXTEND THE DURATION OF PERMITS FOR SANITARY LANDFILLS 3 AND TRANSFER STATIONS TO THIRTY YEARS ("LIFE OF SITE"); (2) MODIFY 4 OF ENVIRONMENT THE DEPARTMENT AND NATURAL RESOURCES' 5 AUTHORITY TO ISSUE AND TRANSFER PERMITS FOR SOLID WASTE 6 MANAGEMENT (3) MODIFY FACILITIES; CERTAIN REQUIREMENTS 7 GOVERNING SANITARY LANDFILLS. INCLUDING CONDUCT OF 8 ENVIRONMENTAL IMPACTS STUDIES, APPLICABLE BUFFERS, CLEANING AND 9 INSPECTION OF LEACHATE COLLECTION LINES, ALTERNATIVE DAILY 10 COVER, AND LANDFILL GAS TO ENERGY FEASIBILITY STUDY; (4) MODIFY 11 REQUIREMENTS FOR FINANCIAL RESPONSIBILITY **APPLICABLE** TO 12 APPLICANTS AND PERMIT HOLDERS FOR SOLID WASTE MANAGEMENT 13 FACILITIES; (5) SPECIFY THAT CLEANUP OF ON-SITE LEACHATE IS NOT 14 REQUIRED WHEN CONDUCTING RISK-BASED REMEDIATION OF LANDFILLS; (6) LIMIT THE FREQUENCY OF CHANGES TO GROUNDWATER STANDARDS; (7) 15 16 AMEND THE RULE GOVERNING COLLECTION AND TRANSPORT OF SOLID 17 WASTE TO REQUIRE THAT CONTAINERS BE "LEAK-RESISTANT" RATHER 18 THAN "LEAK-PROOF"; (8) AMEND RULES GOVERNING CONTROL OF 19 LEACHATE TO CLARIFY THAT LIQUID ADHERING TO TIRES OF VEHICLES 20 LEAVING SANITARY LANDFILLS OR LIQUID GENERATED DURING THE TRANSPORT OF SOLID WASTE SHALL NOT BE TREATED AS VIOLATIONS OF 21 22 LEACHATE CONTROL REQUIREMENTS; (9) CITIES AND COUNTIES THAT 23 ACCEPT SOLID WASTE FROM OTHER LOCAL GOVERNMENTS TO LEVY A 24 SURCHARGE ON FEES FOR USE OF THEIR DISPOSAL FACILITIES, AND TO 25 MAKE APPROPRIATIONS FROM A UTILITY OR PUBLIC SERVICE ENTERPRISE FUND USED FOR OPERATION OF A LANDFILL TO THE JURISDICTION'S 26 27 GENERAL FUND UPON CERTAIN FINDINGS; AND (10) MAKE RELATED 28 CLARIFYING, CONFORMING, AND TECHNICAL CHANGES.

Whereas, the provision of effectively managed solid waste services is of vital importance to North Carolina's economy and environment; and

Whereas, previous changes to the statutes and rules of the State that govern solid waste matters have significantly and negatively impacted the ability of providers of solid waste disposal services to site landfills within the State, have raised the cost of waste disposal for the State's citizens, and have put North Carolina at a competitive disadvantage in the recruitment of

- 35 industry; Now, therefore,
- 36 The General Assembly of North Carolina enacts:



1		
2		OF DURATION OF PERMITS FOR SANITARY LANDFILLS
3		TATIONS TO THIRTY YEARS ("LIFE OF SITE") AND
4	CONFORMING CHAN	
5		(a) G.S. 130A-294 is amended by adding a new subsection to read:
6		anitary landfills and transfer stations shall be issued for a design and
7		ears, unless revoked as otherwise provided under this Article or upon
8		al government franchise required for the facility pursuant to subsection
9		ch permit shall have a limited review of the permit five years after
10		mit and at five-year intervals thereafter until expiration of the permit."
11		(b) No later than July 1, 2014, the Commission for Public Health
12	1	v applicants for permits for sanitary landfills to apply for a permit to
13	1	30-year phase of landfill development. No later than July 1, 2014, the
14		dopt rules to allow applicants for permits for transfer stations to apply
15	· ·	ar duration to construct and operate a transfer station.
16		(c) G.S. 130A-295.8 reads as rewritten:
17	-	plicable to permits for solid waste management facilities.
18		aste Management Account is established as a nonreverting account
19		All fees collected under this section shall be credited to the Account
20		pport the solid waste management program established pursuant to
21	G.S. 130A-294.	
22	(b) As used in thi	
23		permit" means any of the following:
24	a.	An application for a permit for a solid waste management facility
25		that has not been previously permitted by the Department. The term
26		includes one site suitability review, the initial permit to construct,
27		and one permit to operate the constructed portion of a phase included
28	1	in the permit to construct.
29	b.	An application that proposes to expand the boundary of a permitted
30		waste management facility for the purpose of expanding the
31 32		permitted activity.
	с.	An application that includes a proposed expansion to the boundary of
33 34		a waste disposal unit within a permitted solid waste management
54 35	đ	facility.
33 36	d.	An application for a substantial amendment to a solid waste permit, as defined in G.S. 130A-294.
30 37	(2) "Dorm	
37		it amendment" means any of the following: An application for a permit to construct and one permit to operate for
38 39	a.	
39 40		the second and subsequent phases of landfill development described in the approved facility plan for a permitted solid waste management
40 41		facility.
42	b.	An application for the five-year renewal of a permit for a permitted
42 43	υ.	solid waste management facility or for a permit review of a permitted
43 44		
44 45	с.	solid waste management facility. Any application that proposes a change in ownership or corporate
45 46	ι.	structure of a permitted solid waste management facility.
40 47	(3) "Perm	it modification" means any of the following:
48	(5) Term a.	An application for any change to the plans approved in a permit for a
40 49	а.	solid waste management facility that does not constitute a "permit
49 50		amendment" or a "new permit".
50		unenument of a new permit.

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		b. A second or subsequent permit to operate for a co	onstructed portion of
		a phase included in the permit to construct.	1
		c. An application for a five-year limited review of	a 30-year permit, as
		required by G.S. 130A-294(a2), including revie	
		plan, closure plan, post-closure plan, finance	
		estimates, environmental monitoring plans, and	
		plans for the facility.	
	<u>(4)</u>	"Major permit modification" means an application for	any change to the
		approved engineering plans for a sanitary landfill	
		permitted for a 30-year design capacity that does not	
		amendment," "new permit," or "permit modification."	
	(c) An	applicant for a permit shall pay an application fee to the	he Department For
apr		facilities set forth in subdivisions (1) through (21) and (25)	-
		of the applicable fee shall be paid upon submission	
		cent (25%) shall be paid at 10 years after issuance of the per	
		shall be paid at 20 years after issuance of the permit.	
-		rth in subdivisions (22) through (24) and (28) through (36	* *
		upon submission of an application application. As of Jul	
	-	rding to the following schedule:	<u>j 1, 2011, 1005 are</u>
<u>app</u>	(1)	Municipal Solid Waste Landfill accepting less than 1	00.000 tons/year of
	(-)	solid waste, New Permit – <del>\$25,000.</del> \$150,000.	,
	(2)	Municipal Solid Waste Landfill accepting less than 1	00.000 tons/year of
	(-)	solid waste, Amendment – <del>\$15,000.</del> \$90,000.	,
	(3)	Municipal Solid Waste Landfill accepting less than 1	00.000 tons/year of
	(-)	solid waste, Modification – $\frac{1,500}{9,000}$	,
	(4)	Municipal Solid Waste Landfill accepting 100,000 tons/y	vear or more of solid
		waste, New Permit – <del>\$50,000.</del> <u>\$300,000.</u>	'
	(5)	Municipal Solid Waste Landfill accepting 100,000 tons/v	year or more of solid
		waste, Amendment – <del>\$30,000.</del> \$180,000.	'
	(6)	Municipal Solid Waste Landfill accepting 100,000 tons/y	year or more of solid
		waste, Modification – <del>\$3,000.</del> <u>\$18,000.</u>	·
	(7)	Construction and Demolition Landfill accepting less that	an 100,000 tons/year
		of solid waste, New Permit – <del>\$15,000.<u>\$90,000.</u></del>	
	(8)	Construction and Demolition Landfill accepting less that	an 100,000 tons/year
		of solid waste, Amendment – <del>\$9,000.<u>\$54,000.</u></del>	
	(9)	Construction and Demolition Landfill accepting less that	an 100,000 tons/year
		of solid waste, Modification – <del>\$1,500.</del> \$9,000.	-
	(10)	Construction and Demolition Landfill accepting 100,00	0 tons/year or more
		of solid waste, New Permit – <del>\$30,000.</del> <u>\$180,000.</u>	·
	(11)	Construction and Demolition Landfill accepting 100,00	0 tons/year or more
		of solid waste, Amendment – <del>\$18,500.<u>\$111,000.</u></del>	
	(12)	Construction and Demolition Landfill accepting 100,00	0 tons/year or more
		of solid waste, Modification – <del>\$2,500.</del> <u>\$15,000.</u>	
	(13)	Industrial Landfill accepting less than 100,000 tons/year	of solid waste, New
		Permit – <del>\$15,000.</del> <u>\$90,000.</u>	
	(14)	Industrial Landfill accepting less than 100,000 tons/y	vear of solid waste,
		Amendment – <del>\$9,000.</del> <u>\$54,000.</u>	
	(15)	Industrial Landfill accepting less than 100,000 tons/y	year of solid waste,
		Modification – <del>\$1,500.</del> <u>\$9,000.</u>	
	(16)		of solid waste, New
		Permit – <del>\$30,000.</del> \$180,000.	

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1	(17)	Industrial Landfill accepting 100,000 tons/year or more of solid waste,
2	× /	Amendment – <del>\$18,500.</del> \$111,000.
3	(18)	Industrial Landfill accepting 100,000 tons/year or more of solid waste,
4	× /	Modification – <del>\$2,500.</del> \$15,000.
5	(19)	Tire Monofill, New Permit – <del>\$1,750.</del> \$10,500.
6	(20)	Tire Monofill, Amendment – <del>\$1,250.</del> \$7,500.
7	(21)	Tire Monofill, Modification – <del>\$500.<u></u>\$3,000.</del>
8	(22)	Treatment and Processing, New Permit – \$1,750.
9	(23)	Treatment and Processing, Amendment – \$1,250.
10	(24)	Treatment and Processing, Modification – \$500.
11	(25)	Transfer Station, New Permit – <del>\$5,000.</del> <u>\$30,000.</u>
12	(26)	Transfer Station, Amendment – <del>\$3,000.</del> <u>\$18,000.</u>
13	(27)	Transfer Station, Modification – <del>\$500.</del> <u>\$3,000.</u>
14	(28)	Incinerator, New Permit – \$1,750.
15	(29)	Incinerator, Amendment – \$1,250.
16	(30)	Incinerator, Modification – \$500.
17	(31)	Large Compost Facility, New Permit – \$1,750.
18	(32)	Large Compost Facility, Amendment – \$1,250.
19	(33)	Large Compost Facility, Modification – \$500.
20	(34)	Land Clearing and Inert, New Permit – \$1,000.
21	(35)	Land Clearing and Inert, Amendment – \$500.
22	(36)	Land Clearing and Inert, Modification – \$250.
23	<u>(c1)</u> On J	anuary 1 of each year, the Department shall adjust the fees set forth in
24		this section for inflation, calculated by the ratio of the Consumer Price Index
25		year earlier to the nearest tenth of one percent (1/10th of 1%).
26	• • •	mitted solid waste management facility shall pay an annual permit fee on or
27	0	<u>August 1 of each year according to the following schedule:</u>
28	(1)	Municipal Solid Waste Landfill – <del>\$3,500.</del> <u>\$10,500.</u>
29	(2)	Post-Closure Municipal Solid Waste Landfill – <u>\$1,000.</u>
30	(3)	Construction and Demolition Landfill – \$2,750.
31	(4)	Post-Closure Construction and Demolition Landfill – \$500.
32	(5)	Industrial Landfill – \$2,750.
33	(6)	Post-Closure Industrial Landfill – \$500.
34	(7)	Transfer Station – $\frac{750.2250}{1000}$
35	(8)	Treatment and Processing Facility – <del>\$500.</del>
36	(9)	Tire Monofill $-$ \$500.
37	(10)	Incinerator – $\frac{500.\$1,500.}{100}$
38	(11)	Large Compost Facility – \$500.
39 40	(12)	Land Clearing and Inert Debris Landfill – \$500.
40	 SEC	<b>FION 1</b> (d) $C \in 120 \land 205 2$ mode as nonumitten.
41 42	SEC "§ 130A-295.3.	<b>FION 1.(d)</b> G.S. 130A-295.3 reads as rewritten:
42 43	0	
43 44	perm	it holders.
44 45	(b) The	Department shall conduct an environmental compliance review of each
46		new permit, permit renewal, permit and permit amendment under this Article.
47		tal compliance review shall evaluate the environmental compliance history of
47		a period of five years prior to the date of the application and may cover a
40 49		the discretion of the Department. The environmental compliance review of an
49 50		include consideration of the environmental compliance history of the parents,
50 51		other affiliates of an applicant or parent that is a business entity, including any
51	substatiances, of C	show annuals of an appreart of parent that is a business entity, metuding any

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1 2 3 4 5 6 7 8 9	business entity or joint venturer with a direct or indirect interest in the a facilities owned or operated by any of them. The Department shall determin review of the environmental compliance history of the applicant, parents, su affiliates of the applicant or parent, including any business entity or joint very or indirect interest in the applicant, and of other facilities owned or operate An applicant for a permit shall provide environmental compliance history in facility, business entity, joint venture, or other undertaking in which any of t this subsection is or has been an owner, operator, officer, director, man partner, or in which any of the persons listed in this subsection has had	ne the scope of the ibsidiaries, or other nturer with a direct ed by any of them. nformation for each he persons listed in nager, member, or
10	interest as requested by the Department.	
11	"	
12	<b>SECTION 1.(e)</b> Section 15.1 of S.L. 2012-187 is repealed.	
13	SECTION 1.(f) S.L. 2013-25 is repealed.	haaamaa lanu it ia
14 15	<b>SECTION 1.(g)</b> If House Bill 135, 2013 Regular Session, repealed when it becomes law.	becomes law, it is
15 16	SECTION 1.(h) If Senate Bill 380, 2013 Regular Session,	becomes law it is
10	repealed when it becomes law.	becomes law, it is
18	<b>SECTION 1.(i)</b> This section becomes effective August 1,	2013, except that
19	G.S. 130A-294(a2), as enacted by Section 1(a) of this act, and G.S. 130A-29	-
20	Section 1(b) of this act, apply only to applications for new permits submittee	1 on or after July 1,
21	2014.	
22		
23	PART II. MISCELLANEOUS MODIFICATIONS TO THE DE	
24 25	ENVIRONMENT AND NATURAL RESOURCES' AUTHORITY	
25 26	TRANSFER PERMITS FOR SOLID WASTE MANAGEMENT FA	ACILITIES AND
20 27	SECTION 2. G.S. 130A-294 reads as rewritten:	
28	"§ 130A-294. Solid waste management program.	
29	(a) The Department is authorized and directed to engage in	research, conduct
30	investigations and surveys, make inspections and establish a statewide solid	
31	program. In establishing a program, the Department shall have authority to:	
32		
33	(4) a. Develop a permit system governing the establish	-
34	of solid waste management facilities. A landfill v	1
35 36	of $1/2$ acre or less for the on-site disposal of land debris is exampt from the permit requirement of the	-
30 37	debris is exempt from the permit requirement of the governed by G.S. 130A-301.1. Demolition	
38	decommissioning of manufacturing buildings,	
39	generating stations, that is disposed of on the	0
40	decommissioned buildings, is exempt from the per	
41	this section and rules adopted pursuant to this section	-
42	governed by G.S. 130A-301.3. The Department sl	hall not approve an
43	application for a new permit permit, the renewa	
44	substantial amendment to a permit for a sanitary	
45	demolition landfills as defined in the rules of the C	-
46 47	as provided in subdivisions (3) and (4) of subs	
47 48	section. No permit shall be granted for a solid facility having discharges that are point sources u	-
40 49	has referred the complete plans and spec	-
	Environmental Management Commission and has	
51	writing that the plans and specifications are appro-	

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1 2		with the provisions of G.S. 143-21 local government, and has not sub	
3		plan that has been approved b	-
4		G.S. 130A-309.09A(b), the Depar	
5		sanitary landfill or a facility that dis	
6		unless the Commission has n	-
7		G.S. 130A-309.29 for local solid	
8		case where the Department deni	• • •
9		management facility, it shall state in	1
0		shall also state its estimate of the cl	
1		activities or plans that will be requ	
2		permit.	
3	b.	Repealed by Session Laws 2007-	550 s 1(a) effective August 1
4	0.	2007.	soo, s. r(u), encentre mugust r,
5	с.	The Department shall deny an app	plication for a permit for a solid
6	0.	waste management facility if the De	
7			of the proposed facility would be
8			this Article or rules adopted by
9		the Commission.Commission	
20			of the proposed facility would
21		-	r quality standards adopted by the
22			ent Commission pursuant to
23		G.S. 143-214.1 for waters, a	
24			of the facility would result in
25			ogical systems, natural resources,
26			eas, or historic sites of more than
27			eas include, but are not limited to,
28			forests; wilderness areas; historic
29		1	ments of the natural and scenic
80			iges, preserves, and management
81			bitat for threatened or endangered
32			reas and critical fisheries habitat
33			re Fisheries Commission; and
34			Waters designated by the
35		Environmental Management	
36			of the proposed facility would
37		-	en-access to or use of public trust
38		waters or public lands.	r
39		*	ld be located in a natural hazard
10			<del>n, a</del> landslide hazard area, or an
1		• •	or excessive seismic activity, such
12		· · · ·	a significant risk to public health
13		or safety.	
4		-	ative that would accomplish the
15		-	cility with less adverse impact on
6			ng engineering requirements and
17		economic costs.	6 6
18			the proposed facility and other
-U		1	
19		facilities in the area of the r	proposed facility would violate the
			proposed facility would violate the subdivisions 2. through 5. of this

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1 2 3 4 5 6				8. 9.	Construction or operation of the inconsistent with violate the S policy and goals as set out in G State solid waste management p G.S. 130A-309.07. The cumulative impact of the	tate solid waste management S. 130A-309.04 and with the blan developed as provided in
0 7 8				9.	considered in relation to other located or proposed in the	similar impacts of facilities
9 10 11					disproportionate adverse impact community protected by Title V Act of 1964. <u>This subdivision</u>	on a minority or low-income VI of the federal Civil Rights
12					required by federal law.	
13	( 1)	••••	•	1. 1		
14 15	(a1)	-			waste management facility may on 30 days' written notice to the	•
16			-		may reasonably require to comp	
17			-		is section, G.S. 130A-295.2, and	-
18			····			
19	(b1)	(1)	For p	ourposes	of this subsection and subdivisio	n (4) of subsection (a) of this
20			sectio	,	bstantial amendment" means eithe	
21			a.		crease of ten percent (10%) or mo	
22				1.	The population of the geograp	hic area to be served by the
23 24				2.	sanitary landfill; The quantity of solid waste to l	be disposed of in the senitary
24 25				۷.	landfill; or	be disposed of in the sanitary
26				3.	The geographic area to be served	d by the sanitary landfill
27			b.		inge in the categories of solid w	
28					ry landfill.landfill or any other cl	-
29					t or to the permit for a sanitary la	• •
30					epartment determines to be substa	
31		(2)			o intends to apply for a new per	
32			-		substantial amendment to a perm	•
33				· •	to applying for a permit, a franc	1
34				•	fill from each local government	
35					e land on which the sanitary land	
36 37					b be located. A local governm der G.S. 153A-136 or G.S. 160A-	
38					ill shall include all of the followir	6
39			a.	•	ement of the population to be serv	0
40			а.		ographic area.	including a description of
41			b.	-	cription of the volume and charact	teristics of the waste stream.
42			c.		jection of the useful life of the san	
43			d.		xplanation of how the franchise	
44					iction's solid waste managen	
45				G.S. 1	30A-309.09A, including provisio	ons for waste reduction, reuse,
46					cycling.	
47			e.	-	procedures to be followed for	
48					tion of the fees and rates to be c	
49 50				the fra entity	unchise for waste generated in the	jurisdiction of the franchising

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1 2 3 4		f. A facility plan for the sanitary landfill that boundaries of the proposed facility, proposed of facility site in five-year operational phases, the waste disposal units, final elevations and cap	levelopment of the boundaries of all
5		disposal units, the amount of waste to be received	•
6		total waste disposal capacity of the sanitary	
7		description of environmental controls, and a desc	
8		waste management activities to be conducted	
9		addition, the facility plan shall show the propos	•
10		borrow areas, leachate facilities, and all ot	
11		infrastructure, including ingress and egress to the	facility.
12			
13	(4)	An applicant for a new permit permit, the renewal	<del>of a permit, o</del> r a
14		substantial amendment to a permit for a sanitary landfill	l shall request each
15		local government having jurisdiction over any part of the	
16		sanitary landfill and its appurtenances are located or to b	
17		determination as to whether the local government has in	
18		zoning, subdivision, or land-use planning ordinance	
19 20		sanitary landfill and whether the proposed sanitary land	, U
20 21		sanitary landfill as it would be operated under the renew	-
21		amended permit, would be consistent with the application request to the local government shall be accompanied	
22		permit application and shall be delivered to the clerk of the	• • •
23		personally or by certified mail. In order to serve	-
25		determination that an application for a new permit perm	
26		permit, or a substantial amendment to a permit for a	
27		consistent with a zoning, subdivision, or land-use plan	-
28		ordinance or zoning classification applicable to the real	-
29		in the permit application shall have been in effect not less	s than 90 days prior
30		to the date the request for a determination of consistency	
31		clerk of the local government. The determination sh	
32		supported by affidavit signed by the chief administrativ	
33		administrative officer's designee, clerk, or other official	
34		local government to make the determination and, if the	0
35		states that the sanitary landfill as it would be operated u	
36 37		renewed, or substantially amended permit is inconsister	
38		zoning, subdivision, or land-use planning ordinance, shat the ordinance and the specific reasons for the	
39		inconsistency. A copy of the determination shall be provi	
40		when the determination is submitted to the Department	
41		shall not act upon an application for a permit under this	-
42		received a determination from each local government re	
43		determination by the applicant; provided that if a local	-
44		submit a determination to the Department as provided	-
45		within 15 days after receipt of the request, the Departme	•
46		consider the permit application without regard to a frame	-
47		subdivision, and land-use planning ordinances. Unless th	e local government
48		makes a subsequent determination of consistency with all	
49		the determination or the sanitary landfill as it would be	-
50		new, renewed, new or substantially amended permit is de	•
51		of competent jurisdiction to be consistent with the cit	ted ordinances, the

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	Department shall attach as a condition of the permit applicant, prior to construction or operation of the sa permit, comply with all lawfully adopted local	anitary landfill under the ordinances cited in the
	determination that apply to the sanitary landfill. This construed to affect the validity of any lawfully a	
	zoning, subdivision, or land-use planning ordin	
	responsibility of any person to comply with any law	
	local zoning, subdivision, or land-use planning ord	
	shall not be construed to limit any opportunity a loca	
	to comment on a permit application under any of	
	subsection shall not apply to any facility with	-
	ordinances are subject to review under eit G.S. 130A-293.	ther G.S. 104E-6.2 or
(5)	As used in this subdivision, "coal-fired generating u	nit" and "investor-owned
	public utility" have the same meaning as in	
	Notwithstanding subdivisions (a)(4), (b1)(3), or (b	
	franchise shall be required for a sanitary landfill	
	waste generated by a coal-fired generating unit that	1 1
"	an investor-owned utility subject to the requirements	of G.S. 143-215.107D.
····•		
<b>ΔΑ</b> ΔΤ ΙΠ Ν	MODIFICATIONS TO CERTAIN REQUIREM	ENTS COVEDNINC
SANITARY I	LANDFILLS INCLUDING ENVIRONMENTAL	IMPACTS STUDY
	LANDFILLS INCLUDING ENVIRONMENTAL BUFFERS, CLEANING AND INSPECTIO	· · · · · · · · · · · · · · · · · · ·
APPLICABLE	BUFFERS, CLEANING AND INSPECTIO	N OF LEACHATE
APPLICABLE COLLECTION		N OF LEACHATE
APPLICABLE COLLECTION ENERGY FEA SEC	<b>BUFFERS, CLEANING AND INSPECTIO</b> N LINES, ALTERNATIVE DAILY COVER, AND SIBILITY STUDY CTION 3.(a) G.S. 130A-295.6 reads as rewritten:	N OF LEACHATE
APPLICABLE COLLECTION ENERGY FEA SEC "§ 130A-295.6.	<b>BUFFERS, CLEANING AND INSPECTIO</b> N LINES, ALTERNATIVE DAILY COVER, AND SIBILITY STUDY TION 3.(a) G.S. 130A-295.6 reads as rewritten: Additional requirements for sanitary landfills.	N OF LEACHATE LANDFILL GAS TO
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			authorized by variance granted und to does not apply to land removed	
			(i) as a result of floodplain ma	
			From man made alterations of the	
			or (ii) pursuant to 44 Code of Fe	
			06 Edition) by a letter of map amen	
(2)			classified as waters of the United	
(2)			cable federal and State laws. Awet	
	nerm	it hold	ler can show all of the following, as	to the waste disposal unit:
	<del>a.</del>		ere applicable under section 404 of	
			pplicable State wetlands laws, the p	
			rnative to the proposed waste disp	
			s not involve wetlands is clearly reb	
	<del>b.</del>		istruction of the waste disposal t	
	0.		owing:	and whit hot do any of the
		<del>1.</del>	Cause or contribute to violati	ons of any applicable State
			water quality standard.	sing of may ofference where
		<del>2.</del>	Violate any applicable toxic ef	fluent standard or prohibition
			under section 307 of the federal	
		<del>3.</del>	Jeopardize the continued ex	kistence of endangered or
			threatened species or result in	
			modification of a critical habita	
			Endangered Species Act of 1973	
		<del>4.</del>	Violate any requirement under	the federal Marine Protection,
			Research, and Sanctuaries Act o	
	<del>c.</del>	Con	nstruction of the waste disposal unit	will not cause or contribute to
		sign	nificant degradation of wetlands.	
	<del>d.</del>		the extent required under section 40	
			or applicable State wetlands law	s, any unavoidable wetlands
			acts will be mitigated.	
. ,	-		nall not issue a permit to construct a	• •
			the acquisition by the applicant or p	
			and on which the waste disposal	
11 .			r permit holder for a franchise agree	
* *	a permi	t, any	portion of the proposed waste di	sposal unit would be located
within:	р.	•1		
(1)			of the outermost boundary of a Nati	e
<del>(2)</del>			of the outermost boundary of a State	<b>C</b>
			y the Wildlife Resources Commission	
<del>(3)</del>			of the outermost boundary of a c	omponent of the State Parks
	<del>Syste</del>			
$\frac{(4)}{(5)}$			critical habitat for a threatened or e	
<u>(5)</u>		•	y or archaeologically sensitive	sites of more than local
		ficance		and forest wildownses area
<u>(6)</u>			ndred feet of a national or State	
			area, segment of the Natural and Sc	-
			efuge, preserve or management a	
	-		by the Marine Fisheries' Commiss	-
	<u>vv ate</u>	15 desi	ignated by the Environmental Mana	gement Commission.
•••				

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1 2	(h) required:	The f	following requirements apply to any sanitary landfill for	or which a liner is
- 3 4 5		(1)	A geomembrane base liner system shall be tested for le methods approved by the Department that ensure that evaluated.	•••
6 7 8		(2)	A leachate collection system shall be designed to return to 30 centimeters or less within 72 hours. The design sh precipitation that would fall on an empty cell of the sa	hall be based on the
9 10 11			result of a 25-year-24-hour storm event. The leachate col maintain a head of less than 30 centimeters at all tin recirculation. The Department may require the operator	lection system shall nes during leachate to monitor the head
12 13			of the liner to demonstrate that the head is being mainta with this subdivision and any applicable rules.	
14 15 16		(3)	All leachate collection lines shall be designed a permanently allow cleaning and remote camera inspecelection lines shall be cleaned at least once a year.	ection. All leachate ar, except that the
17 18 19			Department may allow leachate collection lines to be two years if: (i) the facility has continuous flow moni permit holder demonstrates to the Department that the	toring; and (ii) the leachate collection
20 21 22			lines are clear and functional based on at least three cleanings. Remote camera inspections of the leachate c occur upon completion of construction, at least once	ollection lines shall
23 24 25		(4)	thereafter, and following the clearing of blockages. Any pipes used to transmit leachate shall provide dual of the disposal unit. The bottom liner of a sanitary	
26			constructed without pipe penetrations.	1 1011 1
27 28	(h1) Departma		respect to requirements for daily cover at sanitary approved use of an alternative method of daily cover for	
29	landfill, th	nat alte	rnative method of daily cover shall be approved for use at	• •
30	located wi			1. 1. 1.
31 32			es and research and development pertaining to alternative	
33	and waste	(1)	rgy matters shall be conducted by certain sanitary landfills The owner or operator of any sanitary landfill permitted t	
34		<u>(1)</u>	240,000 tons of waste per year shall research the develop	
35			disposal technologies. In addition, the owner or operator	
36			to nonproprietary information and provide site resou	
37			research and development projects related to alternative	
38			for the purpose of studies that may be conducted by 1	ocal community or
39			State colleges and universities or other third-party develo	A
40			The owner or operator shall report on research and dev	velopment activities
41			conducted pursuant to this subdivision, and any results o	f these activities, to
42			the Department annually on or before July 1.	
43		<u>(2)</u>	The owner or operator of any sanitary landfill permitted t	
44 45			240,000 tons of waste per year shall perform a feasibil	
45 46			gas-to-energy, or other waste-to-energy technolog opportunities for production of renewable energy from	
+0 47			promote economic development and job creation in the	
+7 48			operator shall initiate the study when sufficient waste	
49			landfill to produce gas, as determined by the United St	
50			Protection Agency's Landfill Gas Emissions Model (La	
51			consult and coordinate with other entities to facilitate co	

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1		including local and State governme	ent agencies, economic development
2			d-party developers. The study shall
3		-	or returning a portion of the benefits
1		derived from energy produced from	the landfill to the jurisdiction within
5		which the landfill is located in the fo	orm of direct supply of energy to the
			hrough revenue sharing with the local
		-	y, with revenues owing to the local
		government credited to a fund sp	becifically designated for economic
		•	The owner or operator shall report on
		its activities associated with the study	y, and any results of the study, to the
		Department annually on or before July	<u>1.</u>
	(i)	The Department shall not issue a permit for a	
		(1) A capacity of more than 55 million cul	bic yards of waste.
		(2) A disposal area of more than 350 acres	5. 5.
		(3) A maximum height, including the ca	p and cover vegetation, of more than
		<del>250</del> <u>300</u> feet above the mean natura	l elevation of the disposal area. The
		Department shall include a condition	n for enhanced closure requirements
		concerning vegetative cover and recla	mation of the property, in any permit
		issued for a sanitary landfill that autho	rizes a maximum height, including the
		cap and cover vegetation, between 1	01 feet and 300 feet above the mean
		natural elevation of the disposal area.	
	(j)	This section does not apply to landfills for t	he disposal of land clearing and inert
	debris or	o Type I or Type II compost facilities."	
		SECTION 3.(b) This section becomes effect	<b>U</b>
	-	G.S. $130A-295.6(d)(2)$ , as enacted by Section 3	· · · · · · · · · · · · · · · · · · ·
		ns for permits submitted on or after January 1, 2	
		V Section 3(a) of this act, applies to landfills for	or which a permit is issued on or after
	August 1,	2013.	
	DADT		
	PART	· · · · · · · · · · · · · · · · · · ·	REMENTS FOR FINANCIAL
		SIBILITY APPLICABLE TO APPLICANT ASTE MANAGEMENT FACILITIES	IS AND PERMIT HOLDERS FOR
	SOLID	SECTION 4. G.S. 130A-295.2 reads as rewr	itten
	"8 <b>13</b> 0A	<b>295.2. Financial responsibility requirements</b>	
	§ 130A-	for solid waste management facilities.	s for applicants and permit holders
		ioi sonu waste management läentues.	
	(h)	To meet the financial assurance requirements	of this section the owner or operator
	· · ·	ry landfill shall establish financial assurance	
		bllars (\$2,000,000) in costs for potential ass	
		ne Department may require financial assurance	
	-	t of financial assurance required of a permit he	
		isposed in the landfill, the projected amount of	• • • • •
		n of the landfill, potential receptors of release	
		assurance requirements of this subsection as	
		lity requirements set out in this section.	
	(j)	In addition to the other methods by which fina	ancial assurance may be established as
	0,	subsection (f) of this section, the Department	
		andfill permitted on or before August 1, 20	• •
	•	nt set forth in subsection (h) of this section	
		a the fellering minimum as evinements.	• 0

51 conforms to the following minimum requirements:

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1	(b) Criteria for Classification. – In developing and adopting classifications, and the
2	standards applicable to each, the Commission shall recognize that a number of different
3	classifications should be provided for (with different standards applicable to each) so as to give
4	effect to the need for balancing conflicting considerations as to usage and other variable
5	factors; that different classifications with different standards applicable thereto may frequently
6	be appropriate for different segments of the same water; and that each classification and the
0 7	standards applicable thereto should be adopted with primary reference to the best usage to be
8	
8 9	made of the waters to which such classification will be assigned.
	(c) Criteria for Standards. – In establishing the standards applicable to each
10	classification, the Commission shall consider and the standards when finally adopted and
11	published shall state: the extent to which any physical, chemical, or biological properties
12	should be prescribed as essential to the contemplated best usage.
13	(d) Criteria for Assignment of Classifications. – In assigning to each identified water
14	the appropriate classifications (with its accompanying standards), the Commission shall
15	consider, and the decision of the Commission when finally adopted and published shall contain
16	its conclusions with respect to the following factors as related to such identified waters:
17	(1) The size, depth, surface area covered, volume, direction and rate of flow,
18	stream gradient and temperature of the water;
19	(2) The character of the district bordering said water, including any peculiar
20	suitability such district may have or any dominant economic interest or
21	development which has become established in relation to or by reason of any
22	particular use of such water;
23	(3) The uses and extent thereof which have been made, are being made, or may
24	in the future be made, of such water for domestic consumption, bathing, fish
25	or wildlife and their culture, industrial consumption, transportation, fire
26	prevention, power generation, scientific or research uses, the disposal of
27	sewage, industrial wastes and other wastes, or any other uses;
28	(4) In revising existing or adopting new water quality classifications or
29	standards, the Commission shall consider the use and value of State waters
30	for public water supply, propagation of fish and wildlife, recreation,
31	agriculture, industrial and other purposes, use and value for navigation, and
32	shall take into consideration, among other things, an estimate as prepared
33	under section 305(b)(1) of the Federal Water Pollution Control Act
34	amendments of 1972 of the environmental impact, the economic and social
35	costs necessary to achieve the proposed standards, the economic and social
36	benefits of such achievement and an estimate of the date of such
37	achievement;
38	(5) With regard to the groundwaters, the factors to be considered shall include
39	the natural quality of the water below land surface and the condition of
40	occurrences, recharge, movement and discharge, the vulnerability to
41	pollution from wastewaters and other substances, and the potential for
42	improvement of the quality and quantity of the water.
43	(e) Chapter 150B of the General Statutes governs the adoption and publication of rules
44	under this Article.
45	(f), (g) Repealed by Session Laws 1987, c. 827, s. 156."
46	
47	PART VII. AMEND RULE GOVERNING COLLECTION AND TRANSPORT OF
48	SOLID WASTE TO REQUIRE THAT CONTAINERS BE "LEAK-RESISTANT"
49	RATHER THAN "LEAK-PROOF"

49 RATHER THAN "LEAK-PROOF"

SECTION 7.(a) Definitions. - "Collection and Transport Rule" means 15A NCAC 1 2 13B .0105 (Collection and Transportation of Solid Waste) for purposes of this section and its 3 implementation. 4 **SECTION 7.(b)** Collection and Transport Rule. – Until the effective date of the 5 revised permanent rule that the Commission for Public Health is required to adopt pursuant to Section 7(d) of this act, the Commission and the Department of Environment and Natural 6 7 Resources shall implement the Collection and Transport Rule, as provided in Section 7(c) of 8 this act. 9 Implementation. - Notwithstanding any provision of the SECTION 7.(c) 10 Collection and Transport Rule, the Commission shall not require vehicles or containers used for 11 the collection and transportation of solid waste to be leak-proof; however, they may require 12 design of these containers to be leak-resistant in accordance with industry standards. 13 **SECTION 7.(d)** Additional Rule-Making Authority. – The Commission shall 14 adopt a rule to replace the Collection and Transport Rule. Notwithstanding G.S. 150B-19(4), the rule adopted by the Commission pursuant to this section shall be substantively identical to 15 16 the provisions of Section 7(c) of this act. Rules adopted pursuant to this section are not subject 17 to G.S. 150B-21.9 through G.S. 150B-21.14. The rule adopted pursuant to this section shall 18 become effective, as provided in G.S. 150B-21.3(b1), as though 10 or more written objections 19 had been received, as provided by G.S. 150B-21.3(b2). 20 **SECTION 7.(e)** Effective Date. – Section 7(c) of this act expires when permanent 21 rules to replace Section 7(c) of this act have become effective, as provided by Section 7(d) of 22 this act. 23 24 PART VIII. AMEND RULES GOVERNING CONTROL OF LEACHATE TO 25 CLARIFY THAT LIQUID ADHERING TO TIRES OF VEHICLES LEAVING 26 SANITARY LANDFILLS OR LIQUID GENERATED DURING THE TRANSPORT OF 27 SOLID WASTE SHALL NOT BE TREATED AS VIOLATIONS OF LEACHATE 28 **CONTROL REQUIREMENTS** 29 **SECTION 8.(a)** G.S. 130A-290 is amended by adding a new subdivision to read: 30 "(16a) "Leachate" means a liquid that has passed through or emerged from solid 31 waste and contains soluble, suspended, or miscible materials removed from 32 such waste. The term "leachate" does not include liquid adhering to tires of 33 vehicles leaving a sanitary landfill or liquids that are generated during the 34 transportation of solid waste." 35 SECTION 8.(b) Definitions. - "Leachate Storage Requirements Rule" means 15A 36 NCAC 13B .1680 (Leachate Storage Requirements) for purposes of this section and its 37 implementation. 38 SECTION 8.(c) Leachate Storage Requirements Rule. – Until the effective date of 39 the revised permanent rule that the Commission for Public Health is required to adopt pursuant 40 to Section 8(e) of this act, the Commission and the Department of Environment and Natural 41 Resources shall implement the Leachate Storage Requirements Rule and any other rule 42 governing control of leachate under Chapter 13 of Title 15A of the North Carolina 43 Administrative Code, as provided in Section 8(d) of this act. 44 **SECTION 8.(d)** Implementation. – Notwithstanding any provision of the Leachate 45 Storage Requirements Rule, or any other rule governing control of leachate under Chapter 13 46 of Title 15A of the North Carolina Administrative Code, liquid adhering to tires of vehicles 47 leaving a sanitary landfill or liquid generated during the transportation of solid waste shall not 48 be treated by the Commission or the Department as a violation of any leachate control 49 requirements under the Administrative Code. 50 SECTION 8.(e) Additional Rule-Making Authority. – The Commission shall adopt 51 a rule to replace the Leachate Storage Requirements Rule and any other rule governing control

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of leachate under Chapter 13 of Title 15A of the North Carolina Administrative Code. 1 2 Notwithstanding G.S. 150B-19(4), the rule adopted by the Commission pursuant to this section 3 shall be substantively identical to the provisions of Section 8(d) of this act. Rules adopted 4 pursuant to this section are not subject to G.S. 150B-21.9 through G.S. 150B-21.14. The rule 5 adopted pursuant to this section shall become effective, as provided in G.S. 150B-21.3(b1), as 6 though 10 or more written objections had been received, as provided by G.S. 150B-21.3(b2). 7 **SECTION 8.(f)** Effective Date. – Section 8(d) of this act expires when permanent 8 rules to replace Section 8(d) of this act have become effective, as provided by Section 8(e) of 9 this act. 10 11 PART IX. AUTHORIZE: CITIES AND COUNTIES THAT ACCEPT SOLID WASTE 12 FROM OTHER LOCAL GOVERNMENTS TO LEVY A SURCHARGE ON FEES FOR 13 USE OF THEIR DISPOSAL FACILITIES, AND TO MAKE APPROPRIATIONS 14 FROM A UTILITY OR PUBLIC SERVICE ENTERPRISE FUND USED FOR **OPERATION OF A LANDFILL TO THE JURISDICTION'S GENERAL FUND UPON** 15 16 **CERTAIN FINDINGS** 17 **SECTION 9.(a)** G.S. 153A-292(b) reads as rewritten: 18 "(b) The board of county commissioners may impose a fee for the collection of solid 19 waste. The fee may not exceed the costs of collection. 20 The board of county commissioners may impose a fee for the use of a disposal facility 21 provided by the county. The Except as provided in this subsection, the fee for use may not 22 exceed the cost of operating the facility and may be imposed only on those who use the facility. 23 The fee may exceed those costs if the county enters into a contract with another county or city 24 to accept the other entity's solid waste and the county by ordinance levies a surcharge on the fee 25 which may be used for any purpose for which the county may appropriate funds. A fee under 26 this paragraph may be imposed only on those who use the facility. The fee for use may vary 27 based on the amount, characteristics, and form of recyclable materials present in solid waste 28 brought to the facility for disposal. A county may not impose a fee for the use of a disposal 29 facility on a city located in the county or a contractor or resident of the city unless the fee is 30 based on a schedule that applies uniformly throughout the county. 31 The board of county commissioners may impose a fee for the availability of a disposal 32 facility provided by the county. A fee for availability may not exceed the cost of providing the 33 facility and may be imposed on all improved property in the county that benefits from the 34 availability of the facility. A county may not impose an availability fee on property whose solid 35 waste is collected by a county, a city, or a private contractor for a fee if the fee imposed by a 36 county, a city, or a private contractor for the collection of solid waste includes a charge for the 37 availability and use of a disposal facility provided by the county. Property served by a private 38 contractor who disposes of solid waste collected from the property in a disposal facility 39 provided by a private contractor that provides the same services as those provided by the 40 county disposal facility is not considered to benefit from a disposal facility provided by the 41 county and is not subject to a fee imposed by the county for the availability of a disposal 42 facility provided by the county. To the extent that the services provided by the county disposal 43 facility differ from the services provided by the disposal facility provided by a private 44 contractor in the same county, the county may charge an availability fee to cover the costs of 45 the additional services provided by the county disposal facility. 46 In determining the costs of providing and operating a disposal facility, a county may

In determining the costs of providing and operating a disposal facility, a county may consider solid waste management costs incidental to a county's handling and disposal of solid waste at its disposal facility, including the costs of the methods of solid waste management specified in G.S. 130A-309.04(a) of the Solid Waste Management Act of 1989. A fee for the availability or use of a disposal facility may be based on the combined costs of the different disposal facilities provided by the county."

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1	<b>SECTION 9.(b)</b> G.S. 159-13(b)(14) reads as rewritten:
2	"(b) The following directions and limitations shall bind the governing board in adopting
3	the budget ordinance:
4	
5	(14) No appropriation may be made from a utility or public service enterprise
6	fund to any other fund than the appropriate debt service fund unless the total
7	of all other appropriations in the fund equal or exceed the amount that will
3	be required during the fiscal year, as shown by the budget ordinance, to meet
)	operating expenses, capital outlay, and debt service on outstanding utility or
)	enterprise bonds or notes. A county may, upon a finding that a fund balance
	in a utility or public service enterprise fund used for operation of a landfill
	exceeds the requirements for funding the operation of that fund, including
	closure and post-closure expenditures, transfer excess funds to be used to
	support the other services supported by the county's general fund."
	SECTION 9.(c) G.S. 160A-314.1 reads as rewritten: "§ 160A-314.1. Availability fees for solid waste disposal facilities; collection of any solid
	waste fees.
	(a) <u>A city may impose a fee for the collection of solid waste. The fee may not exceed</u>
	the costs of collection.
	A city may impose a fee for the use of a disposal facility provided by the city. Except as
	provided in this subsection, the fee for use may not exceed the cost of operating the facility.
	The fee may exceed those costs if the city enters into a contract with another county or city to
	accept the other entity's solid waste and the city by ordinance levies a surcharge on the fee
	which may be used for any purpose for which the city may appropriate funds. A fee under this
	paragraph may be imposed only on those who use the facility. The fee for use may vary based
	on the amount, characteristics, and form of recyclable materials present in solid waste brought
	to the facility for disposal.
	(a1) In addition to a fee that a city may impose for collecting solid waste or for using a
	disposal facility, a city may impose a fee for the availability of a disposal facility provided by
	the city. A fee for availability may not exceed the cost of providing the facility and may be improved on all improved property in the city that henefits from the availability of the facility.
	imposed on all improved property in the city that benefits from the availability of the facility. A city may not impose an availability fee on property whose solid waste is collected by a county,
	a city, or a private contractor for a fee if the fee imposed by a county, a city, or a private
	contractor for the collection of solid waste includes a charge for the availability and use of a
	disposal facility provided by the city. Property served by a private contractor who disposes of
	solid waste collected from the property in a disposal facility provided by a private contractor
	that provides the same services as those provided by the city disposal facility is not considered
	to benefit from a disposal facility provided by the city and is not subject to a fee imposed by the
	city for the availability of a disposal facility provided by the city. To the extent that the services
	provided by the city disposal facility differ from the services provided by the disposal facility
	provided by a private contractor in the same city, the city may charge an availability fee to
	cover the costs of the additional services provided by the city disposal facility.
	In determining the costs of providing and operating a disposal facility, a city may consider
	solid waste management costs incidental to a city's handling and disposal of solid waste at its
	disposal facility. A fee for the availability or use of a disposal facility may be based on the
	<ul><li>combined costs of the different disposal facilities provided by the city.</li><li>(b) A city may adopt an ordinance providing that any fee imposed under subsection (a)</li></ul>
	(b) A city may adopt an ordinance providing that any fee imposed under subsection (a) or under G.S. 160A-314 for collecting or disposing of solid waste may be billed with property
	taxes, may be payable in the same manner as property taxes, and, in the case of nonpayment,
	may be collected in any manner by which delinquent personal or real property taxes can be
	collected. If an ordinance states that delinquent fees can be collected in the same manner as
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1	delinquent real property taxes, the fees are a lien on the real property described on the bill that
2	includes the fee."
3	<b>SECTION 9.(d)</b> G.S. 160A-314(a2) reads as rewritten:
4	"§ 160A-314. Authority to fix and enforce rates.
5	(a2) A fee for the use of a disposal facility provided by the city may vary based on the
6	amount, characteristics, and form of recyclable materials present in solid waste brought to the
7	facility for disposal. This section does not prohibit a city from providing aid to low-income
8	persons to pay all or part of the cost of solid waste management services for those persons. A
9	city may, upon a finding that a fund balance in a utility or public service enterprise fund used
10	for operation of a landfill exceeds the requirements for funding the operation of that fund,
11	including closure and post-closure expenditures, transfer excess funds to be used to support the
12	other services supported by the city's general fund."
13	SECTION 9.(e) G.S. 130A-294(b1) is amended by adding a new subdivision to
14	read:
15	"(2b) A local government may elect to include as part of a franchise agreement a
16	surcharge on waste disposed of in its jurisdiction by other local governments
17	located within the State."
18	SECTION 9.(f) This section is effective August 1, 2013, and Section 9(e) is
19	applicable to franchise agreements executed on or after that date.
20	
21	PART X. SEVERABILITY AND EFFECTIVE DATE
22	<b>SECTION 10.(a)</b> If any section or provision of this act is declared unconstitutional
23	or invalid by the courts, it does not affect the validity of this act as a whole or any part other
24	than the part so declared to be unconstitutional or invalid.
25	<b>SECTION 10.(b)</b> Except as otherwise provided, this act is effective when it

26 becomes law.