US ERA ARCHIVE DOCUMENT

RCRA REVISION CHECKLIST 167 B

Land Disposal Restrictions Phase IV –
Hazardous Soils Treatment Standards and Exclusions
63 FR 28556-28753
May 26, 1998
(RCRA Cluster VIII, HSWA provisions)

			STATE ANALOG IS:				
FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE IN SCOPE	
1 (18)	PART 268 - LAND D	ISPOSAL RESTRICTIONS	Wile =	3)-1:			
	SUBPART	A - GENERAL	factors.		3910	Del	
1 90.	DEFINITIONS APP	LICABLE IN THIS PART	new mill	ij. mi	sidll _{all} th		
add new paragraph; definition of soil	268.2(k)	2203.Soil	EQ	ra efficie	F1365	3 (1)	
TESTING, TRACKING, A AND DISPOSAL FACILI	AND RECORDKEEPING TIES	REQUIREMENTS FOR G	ENERA	TORS,	TREA	TERS,	
delete "Determine if the wasteas follows:"; delete "a" after "generator of"; replace "§268.40 or §268.45" with "§268.40, §268.45, or §268.49";after		THE MENT AS LAKE		en ch kto so no roi: of soli	estora estora estina estina estina estera estera estora		
"before they can be land disposed" insert "and some soils are	0.0000	(500)x1834	Jan King	En 1 13	Service Service		
contaminated by such hazardous wastes";after "These wastes" insert ", and soils contaminated with such wastes,";after		Station of the state of the sta	History History Sect. A 1991 to	inter the second of the second	e unitali e naquer a lare est e masses e sa port		
"they are managing a waste" insert "or soil contaminated with a waste,"	268.7(a)(1)	2245.A	EQ	Alvetian Intrasti Intri	197ms Sun ² Hiner		
insert "or contaminated soil" after "If the waste"	268.7(a)(2)	2245.B	EQ				

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†	add new paragraph; for contaminated soil certification statement should be included, signed by an authorized representative; certification statement	268.7(a)(2)(i)	2245.B.1	EQ				
†	add and reserve new paragraph	268.7(a)(2)(ii)	2245.B	EQ				
†	insert "or contaminated soil" after "If the waste" in the first sentence	268.7(a)(3) intro	2245.C	EQ			2	
†	completely revise; for contaminated soil, with initial shipment of wastes generator must send notice & place copy in file; notice to include information in 268.7(a)(4) table	268.7(a)(3)(ii)	2245.C.1.b	EQ	Dem W. Disconding to the control of	HAA		
†	insert "or contaminated soil" after "certain wastes" and after "hazardous wastes"	268.7(a)(4)	2245.D.	EQ	5 mg/m 80 T 1 94 L 24 97 L 1			
+	for entry 1, insert "Numbers" after "Waste", replace "Manifest numbers" with "Manifest Number of first shipment"; for entry 3, replace parenthetical phrase with "in characteristic wastes" and delete "" under 268.7(a)(4) column; redesignate entry 8 as 9;				Sizos, Lifero Tre d Lawy s lecture , Tube lecture lect			
	add new 8 as indicated at 63 FR 28640	268.7(a)(4)/table	2245.D.Table	EQ			/	
†	insert "or contaminated soil" after "prohibited waste"	268.7(a)(5)	2245.E	EQ				

				STATE ANALOG IS:				
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†	insert "or contaminated soil" after "that the waste"	268.7(a)(6)	2245.F	EQ	aller and	e gun Pilwan		
†	insert "or contaminated soil" after "For wastes"; delete "as concentrations"; delete the comma after the parenthetical phrase	268.7(b)(1)	2247.A.1	EQ		Men Men Men Men Men Men Men Men Men Men	7.	
†	insert "or contaminated soil" after "For wastes"	268.7(b)(2)	2247.A.2	EQ	- Hill	star		
†	insert "or contaminated soil" after "shipment of waste"	268.7(b)(3)	2247.B	EQ	17 II	To C		
†	add new sentence & new certification statement after certification statement; a certification is also necessary for contaminated soil; certification statement	268.7(b)(4) intro	2247.C	EQ		control of the contro		
+	add new paragraph; generators & treaters who receive a determination that contaminated soil subject to 268.49(a) no		A. W. Emisenson		Kenthi e n. ne d			
	longer contains a listed hazardous waste and determine that	ue GG	SUPERIOR AND	41	eti su			
	contaminated soil no longer exhibits a characteristic of hazardous waste must:	268.7(e) intro	2246.F	EQ		1 80 1 0001		
†	add new subparagraph; prepare a one-time only documentation of determinations including			0 12				
13	supporting information and,	268.7(e)(1)	2246.F.1	EQ	74 711			

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	FEDERAL REQUIREMENTS	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†	add new subparagraph; maintain that information	konasi	18" (11 185 "Index	alatek Hili lin	ou in 17		
	in the facility files & other records for a minimum 3 years	268.7(e)(2)	2246.F.2	EQ	ooren Produk		-
		SUBPART D - TREA	ATMENT STANDARDS		liu ee's	1 6 L	
	VARIANCE FROM A TRI	EATMENT STANDARD		seming.	h- Isib	1947	
†	redesignate 268.44(h)(3) as 268.44(h)(5); add new 268.44(h)(3); for contaminated soil only, treatment would result in	Lakera, T.	Lucy on the	ANTONIO		Jan	
	hazardous constituent concentrations below that necessary to minimize threats to human health and environment; treatment variances must:	268.44(h)(3) intro	2231.G.3	EQ		clic.	C
†	at a minimum, impose alternative land disposal	268.44(h)(3)(i)	2231.G.3.a	EQ	Tolky.	uyka Yaiz	
	restriction treatment standards that, using a reasonable maximum	268.44(h)(3)(i)(A)	2231.G.3.a.i	EQ		iring ===1	
	exposure scenario, meet the listed specifications	268.44(h)(3)(i)(B)	2231.G.3.a.ii	EQ	i indian	tait Huu	
†	not consider post-land- disposal controls	268.44(h)(3)(ii)	2231.G.3.b	EQ	e son		
†	add new paragraph; for contaminated soil only, treatment would result in hazardous constituent concentrations below natural background concentrations at the site of land disposal	268.44(h)(4)	2231.G.4	EQ	toma e U/X : 7 elistor tot year tot year tot year tota year	min gred gred gred gred gred gred gred gred	
†	redesignate former 268.44(h)(3) as 268.44(h)(5)	268.44(h)(5)	2231.G.5	EQ	THE IO	en j	

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FEDERAL REQUIREMENTS		ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
ALTERNATIVE LDR TRI	EATMENT STANDARDS	FOR CONTAMINATED	SOIL			
applicability; LDRs must be complied with prior to placing contaminated soil into a land disposal unit; chart describes whether compliance with LDRs is necessary prior to placing contaminated soil into a land disposal unit; add table as shown at 63 FR			ual co unit mo lemeste ameste Terri	alin no illy, la our of t on bear of street	en Sla Lege II Legelian Legelian Unida	=
28751(May 26, 1998)	268.49(a)	2236.A	EQ			
prior to land disposal, contaminated soil identified by 268.49(a) must be treated according to 268.49(c) or 268.48 UTS applicable to contaminating waste and/or applicable		1 000 000 000 000 000 000 000 000 000 0	d Barrier s satur as man	a principal de la composition della composition		
characteristic; 268.49(c) treatment standards and the UTS may be modified through a variance approved under 268.44	268.49(b)	2236.B	EQ			1
treatment standards for contaminated soils; prior to land disposal, contaminated soil identified by 268.49(a) as needing to comply with LDRs must be treated		A MA (A Novel And Let not a second and a sec	House on to to (1844) Europe Europe Europe	Gorgas Santo Habita Life Mi United Salvano Salvano	Hwy sales (1994) HW Min Sing Supply (1994) Supply (1994)	
according to 268.49(c)(1)- (3) or 268.48 UTS	268.49(c) intro	2236.C	EQ			

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0	FEDERAL REQUIREMENTS	FEDERAL REQUIREMENTS FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
†		misvish is a 135 bulkby (Avera i e pietricapiti s		Talent	14s	gr ^{tr}	
		268.49(c)(1) intro	2236.C.1	EQ	yfilikle Sint pr An Ar Ar	Aggra or tol develop		
	all soils; prior to land disposal, all constituents	268.49(c)(1)(A)	2236.C.1.a	EQ	the of	turra.		
	subject to treatment must	268.49(c)(1)(B)	2236.C.1.b	EQ				
	be treated according to standards specified	268.49(c)(1)(C)	2236.C.1.c	EQ	miguit	U103	Ч	
†	soils that exhibit characteristic of ignitability, corrosivity or reactivity; in addition to treatment required by 268.49(c)(1), prior to land disposal soils that exhibit a characteristic must be treated to eliminate characteristic	268.49(c)(2)	2236.C.2	EQ	Angles	ines ines	(
t	soils that contain	1 7 TE	2226 G 2	EQ		meny regla recent recent		
	nonanalyzable constituents; in addition to requirements of	268.49(c)(3) intro 268.49(c)(3)(A)	2236.C.a	EQ	Variation STALL			
	268.49(c)(1)&(2), prior to land disposal specified treatment is required	268.49(c)(3)(B)	2236.C.b	EQ	ge half	Mes! inmi		

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† constituents subject to treatment; when applying soil treatment standards in 268.49(c), constituents subject to treatment are any listed in 268.48, Table UTS that are reasonably expected to be present, with exceptions, and are present at greater than 10 times the UTS	268.49(d)	2236.D	EQ				
† management of treatment residuals; treatment residuals from treating contaminated soil identified by 268.49(a) must be managed as follows:	268.49(e) intro	2236.E	EQ			1 /48	
† soil residuals are subject to treatment standards of 268.49	268.49(e)(1)	2236.E.1	EQ	æ			
+	268.49(e)(2) intro	2236.E.2	EQ				
non-soil residuals are	268.49(e)(2)(A)	2236.E.2.a	EQ				
subject to the standards specified	268.49(e)(2)(B)	2236.E.2.b	EQ		=		

Note there is a typographical error at §268.7(a)(3)(ii) in the rule. The reference to "information in "268.7(a)(3) of the Generator" should be "information in column "268.7(a)(3)" of the Generator".

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² The entire section 268.49 was added by 63 FR 28556, May 26, 1998.