ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) <u>Heading of the Part</u>: Land Disposal Restrictions
- 2) <u>Code Citation</u>: 35 Ill. Adm. Code 728
- 3) Section Numbers: Proposed Actions: 728.101 Amendment
 728.107 Amendment
 728.Appendix C Amendment
 728.Appendix G Amendment
 728.Table C Amendment
 728.Table T Amendment
- 4) <u>Statutory Authority</u>: 415 ILCS 5/7.2, 22.4, and 27
- 5) <u>A Complete Description of Subjects and Issues Involved</u>: The amendments to Part 728 are a single segment of the docket R16-7 rulemaking that also affects 35 Ill. Adm. Code 703, 720, 721, 722, 724, 725, 726, 727, and 733, each of which is covered by a separate notice in this issue of the Illinois Register. To save space, a more detailed description of the subjects and issues involved in the docket R16-7 rulemaking in this issue of the *Illinois Register* only in the answer to question 5 is stated in the Notice of Adopted Amendments for 35 Ill. Adm. Code 703. A comprehensive description is contained in the Board's opinion and order of March 3, 2016, proposing amendments in docket R16-7, which opinion and order is available from the address below.

Specifically, the amendments to Part 728 are corrections and clarifying amendments that are not directly derived from the instant federal amendments. This includes corrections submitted by USEPA as a result of review of the rules for the purpose of authorization of the Illinois RCRA Subtitle C program.

Tables appear in the Board's opinion and order of March 3, 2016 in docket R16-7 that list numerous corrections and amendments that are not based on current federal amendments. The tables contain deviations from the literal text of the federal amendments underlying these amendments, as well as corrections and clarifications that the Board made in the base text involved. Persons interested in the details of those corrections and amendments should refer to the March 3, 2016 opinion and order in docket R16-7.

Section 22.4 of the Environmental Protection Act [415 ILCS 5/22.4] provides that Section 5-35 of the Administrative Procedure Act [5 ILCS 100/5-35] does not apply to this rulemaking. Because this rulemaking is not subject to Section 5-35 of the APA, it is

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not subject to First Notice or to Second Notice review by the Joint Committee on Administrative Rules (JCAR).

- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: None
- 7) Will this rulemaking replace any emergency rule currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this rulemaking contain incorporations by reference? No
- 10) Are there any other rulemakings pending on this Part? No
- Statement of Statewide Policy Objective: These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- 12) <u>Time, Place and Manner in which interested persons may comment on this proposed</u> <u>rulemaking</u>: The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference docket R16-7 and be addressed to:

John T. Therriault, Clerk Illinois Pollution Control Board State of Illinois Center, Suite 11-500 100 W. Randolph St. Chicago IL 60601

Please direct inquiries to the following person and reference docket R16-7:

Michael J. McCambridge Staff Attorney Illinois Pollution Control Board 100 W. Randolph 11-500 Chicago IL 60601

312/814-6924 e-mail: michael.mccambridge@illinois.gov

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Request copies of the Board's opinion and order at 312/814-3620, or download a copy from the Board's Website at http://www.ipcb.state.il.us.

13) Initial Regulatory Flexibility Analysis:

- A) <u>Types of small businesses, small municipalities, and not-for-profit corporations affected</u>: This rulemaking may affect those small businesses, small municipalities, and not-for-profit corporations that generate, transport, treat, store, or dispose of hazardous waste. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- B) <u>Reporting, bookkeeping or other procedures required for compliance</u>: The existing rules and proposed amendments require extensive reporting, bookkeeping and other procedures, including the preparation of manifests and annual reports, waste analyses and maintenance of operating records. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- C) Types of professional skills necessary for compliance: Compliance with the existing rules and proposed amendments may require the services of an attorney, certified public accountant, chemist, and registered professional engineer. These proposed amendments do not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805].
- 14) <u>Regulatory Agenda on which this rulemaking was summarized</u>: December 4, 2015, 39 Ill. Reg. 15637-39

The full text of the Proposed Amendments begins on the next page:



1		TITLE 35: ENVIRONMENTAL PROTECTION
2		SUBTITLE G: WASTE DISPOSAL
3		CHAPTER I: POLLUTION CONTROL BOARD
4	SU	JBCHAPTER c: HAZARDOUS WASTE OPERATING REQUIREMENTS
5		D 1 D 2 200
6		PART 728
7		LAND DISPOSAL RESTRICTIONS
8		
9		SUBPART A: GENERAL
10	c	
11	Section	
12	728.101	Purpose, Scope,icability
13	728.102	Definitions
14	728.103	Dilution Prohibitedbstitute for Treatment
15	728.104	Treatment Surface
16	728.105	Procedures for Cas ase Extensions to an Effective Date
17	728.106	Petitions to Allow Disposal of a Waste Prohibited Pursuant to Subpart C
18	728.107	Testing, Tracking cordkeeping Requirements for Generators, Treaters, and
19		Disposal Facilitie
20	728.108	Landfill and Surf poundment Disposal Restrictions (Repealed)
21	728.109	Special Rules for cteristic Wastes
22		
23	2	SUBPART B: SCH FOR LAND DISPOSAL PROHIBITION AND
24		ESTAF IENT OF TREATMENT STANDARDS
25		
26	Section	
27	728.110	First Third (R
28	728.111	Second Third (Repealed)
29	728.112	Third Third (Repealed)
30	728.113	Newly Listed Wastes
31	728.114	Surface Impoundment Exemptions
32		
33		SUBPART C: PROHIBITION ON LAND DISPOSAL
34		
35	Section	
36	728.120	Waste-Specific Prohibitions: Dyes and Pigments Production Wastes
37	728.130	Waste-Specific Prohibitions: Wood Preserving Wastes
38	728.131	Waste-Specific Prohibitions: Dioxin-Containing Wastes
39	728.132	Waste-Specific Prohibitions: Soils Exhibiting the Toxicity Characteristic for
40	1222 XXX	Metals and Containing PCBs
41	728.133	Waste-Specific Prohibitions: Chlorinated Aliphatic Wastes
42	728.134	Waste-Specific Prohibitions: Toxicity Characteristic Metal Wastes
43	728.135	Waste-Specific Prohibitions: Petroleum Refining Wastes

44	728.136	Waste	-Specific Prohibitions: Inorganic Chemical Wastes
45	728.137	Waste	e-Specific Prohibitions: Ignitable and Corrosive Characteristic Wastes
46		Whos	e Treatment Standards Were Vacated
47	728.138	Waste	e-Specific Prohibitions: Newly-Identified Organic Toxicity Characteristic
48		Waste	es and Newly-Listed Coke By-Product and Chlorotoluene Production Wastes
49	728.139	Waste	e-Specific Prohibitions: Spent Aluminum Potliners and Carbamate Wastes
50			
51			SUBPART D: TREATMENT STANDARDS
52			
53	Section		
54	728.140	Appli	cability of Treatment Standards
55	728.141	Treatu	nent Standards Expressed as Concentrations in Waste Extract
56	728.142	Treatu	ment Standards Expressed as Specified Technologies
57	728.143	Treat	ment Standards Expressed as Waste Concentrations
58	728.144		PA Variance from a Treatment Standard
59	728.145	Treat	ment Standards for Hazardous Debris
60	728.146	Alterr	native Treatment Standards Based on HTMR
61	728.148	Unive	ersal Treatment Standards
62	728.149	Alterr	native LDR Treatment Standards for Contaminated Soil
63			
64			SUBPART E: PROHIBITIONS ON STORAGE
65			
66	Section		
67	728.150	Prohi	bitions on Storage of Restricted Wastes
68			
69	728.APPEN	NDIX A	Toxicity Characteristic Leaching Procedure (TCLP) (Repealed)
70	728.APPEN	NDIX B	Treatment Standards (As concentrations in the Treatment Residual
71			Extract) (Repealed)
72	728.APPEN	NDIX C	List of Halogenated Organic Compounds Regulated under Section
73			728.132
74	728.APPEN	NDIX D	Wastes Excluded from Lab Packs
75	728.APPEN	NDIX E	Organic Lab Packs (Repealed)
76	728.APPEN	NDIX F	Technologies to Achieve Deactivation of Characteristics
77	728.APPEN	VDIX G	Federal Effective Dates
78	728.APPEN	NDIX H	National Capacity LDR Variances for UIC Wastes
79	728.APPEN	NDIX I	EP Toxicity Test Method and Structural Integrity Test
80	728.APPEN	NDIX J	Recordkeeping, Notification, and Certification Requirements (Repealed)
81	728.APPEN	VDIX K	Metal-Bearing Wastes Prohibited from Dilution in a Combustion Unit
82			According to Section 728.103(c)
83	728.TABL	ΕA	Constituent Concentrations in Waste Extract (CCWE)
84	728.TABL		Constituent Concentrations in Wastes (CCW)
85	728.TABL		Technology Codes and Description of Technology-Based Standards
86	728.TABL		Technology-Based Standards by RCRA Waste Code

87 728. TABLE E Standards for Radioactive Mixed Waste 88 728. TABLE F Alternative Treatment Standards for Hazardous Debris 89 728. TABLE G Alternative Treatment Standards Based on HTMR 90 728. TABLE H Wastes Excluded from CCW Treatment Standards 91 728. TABLE I Generator Paperwork Requirements 92 728. TABLE T Treatment Standards for Hazardous Wastes 93 728. TABLE U Universal Treatment Standards (UTS) 94 95 AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the 96 Environmental Protection Act [415 ILCS 5/7.2, 22.4, and 27]. 97 98 SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403, 99 100 effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990; 101 amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill. 102 Reg. 16508, effective September 25, 1990; amended in R90-11 at 15 Ill. Reg. 9462, effective 103 June 17, 1991; amended in R90-11 at 15 Ill. Reg. 11937, effective August 12, 1991; amendment 104 withdrawn at 15 Ill. Reg. 14716, October 11, 1991; amended in R91-13 at 16 Ill. Reg. 9619, 105 effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5727, effective March 26, 1993; 106 amended in R93-4 at 17 Ill. Reg. 20692, effective November 22, 1993; amended in R93-16 at 18 107 Ill. Reg. 6799, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12203, effective July 108 29, 1994; amended in R94-17 at 18 Ill. Reg. 17563, effective November 23, 1994; amended in 109 R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100, 110 effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective 111 December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended 112 in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-113 21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill. 114 Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20, 115 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in R01-116 21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 117 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July 118 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-119 5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-120 17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32 121 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. 18131, effective October 14, 122 123 2011; amended in R12-7 at 36 Ill. Reg. 8790, effective June 4, 2012; amended in R13-15 at 37 Ill. Reg. 17951, effective October 24, 2013; amended in R16-7 at 40 Ill. Reg., effective 124 125 126 127 SUBPART A: GENERAL 128 129 Section 728.101 Purpose, Scope, and Applicability

130					
131	a)	This	Part ide	ntifies h	azardous wastes that are restricted from land disposal and
132	~				circumstances under which an otherwise prohibited waste
133					and disposed.
134			10.9		
135	b)	Exce	pt as spe	ecificall	y provided otherwise in this Part or 35 Ill. Adm. Code 721,
136	-)				this Part apply to persons that generate or transport hazardous
137					and operators of hazardous waste treatment, storage, and
138			sal facil		
139		- sep e			
140	c)	Restr	icted wa	astes ma	ay continue to be land disposed as follows:
141	-1				
142		1)	When	e a pers	on has been granted an extension to the effective date of a
143		- /			ursuant to Subpart C of this Part or pursuant to Section
144					h respect to those wastes covered by the extension;
145					
146		2)	When	re a pers	son has been granted an exemption from a prohibition
147		- 1			petition pursuant to Section 728.106, with respect to those
148					nits covered by the petition;
149					, ₁
150		3)	A wa	ste that	is hazardous only because it exhibits a characteristic of
151					aste and which is otherwise prohibited pursuant to this Part is
152					d if the following is true of the waste:
153					
154			A)	The v	waste is disposed into a non-hazardous or hazardous waste
155					tion well, as defined in 35 Ill. Adm. Code 704.106(a); and
156					
157			B)	The v	waste does not exhibit any prohibited characteristic of
158			0.001	hazar	dous waste identified in Subpart C of 35 Ill. Adm. Code 721
159				at the	point of injection.
160					
161		4)	A wa	ste that	is hazardous only because it exhibits a characteristic of
162			hazar	dous w	aste and which is otherwise prohibited pursuant to this Part is
163			not p	rohibite	d if the waste meets any of the following criteria, unless the
164			waste	e is subj	ect to a specified method of treatment other than DEACT in
165			Secti	on 728.	140 or is D003 reactive cyanide:
166					
167			A)	Any	of the following is true of either treatment or management of
168				the w	vaste:
169					
170				i)	The waste is managed in a treatment system that
171					subsequently discharges to waters of the United States
172					pursuant to a permit issued pursuant to 35 Ill. Adm. Code

173			309;
174			
175			ii) The waste is treated for purposes of the pretreatment
176			requirements of 35 Ill. Adm. Code 307 and 310; or
177			
178			iii) The waste is managed in a zero discharge system engaged
179			in Clean Water Act (CWA)-equivalent treatment, as
180			defined in Section 728.137(a); and
181			
182		B)	The waste no longer exhibits a prohibited characteristic of
183			hazardous waste at the point of land disposal (i.e., placement in a
184			surface impoundment).
185			1
186	d)	This Part d	loes not affect the availability of a waiver pursuant to Section 121(d)(4)
187			ral Comprehensive Environmental Response, Compensation, and
188			act of 1980 (CERCLA) (42 USC 9621(d)(4)).
189			
190	e)	The follow	ving hazardous wastes are not subject to any provision of this Part:
191	· ·		
192		1) Wa	aste generated by small quantity generators of less than 100 kg of non-
193			te hazardous waste or less than 1 kg of acute hazardous waste per
194			onth, as defined in 35 Ill. Adm. Code 721.105;
195			
196		2) Wa	aste pesticide that a farmer disposes of pursuant to 35 Ill. Adm. Code
197			2.170;
198			
199		3) Wa	aste identified or listed as hazardous after November 8, 1984, for which
200			EPA has not promulgated a land disposal prohibition or treatment
201			ndard; <u>or</u>
202			
203		4) De	minimis losses of waste that exhibits a characteristic of hazardous
204			ste to wastewaters are not considered to be prohibited waste and are
205			fined as losses from normal material handling operations (e.g., spills
206			m the unloading or transfer of materials from bins or other containers or
207			ks from pipes, valves, or other devices used to transfer materials);
208			nor leaks of process equipment, storage tanks, or containers; leaks from
209			ll-maintained pump packings and seals; sample purgings; relief device
210			charges; discharges from safety showers and rinsing and cleaning of
211			rsonal safety equipment; rinsate from empty containers or from
212			ntainers that are rendered empty by that rinsing; and laboratory waste
213			it does not exceed one percent of the total flow of wastewater into the
214			ility's headworks on an annual basis, or with a combined annualized
215			erage concentration not exceeding one part per million (ppm) in the
		ure	Be construction and the construction of the manner (bland) ut the

216		headworks of the facility's wastewater treatment or pretreatment facility.;
217		OF
218		
219		5) Land disposal prohibitions for hazardous characteristic wastes do not
220		apply to laboratory wastes displaying the characteristic of ignitability
221		(D001), corrosivity (D002), or organic toxicity (D012 through D043) that
222		are mixed with other plant wastewaters at facilities whose ultimate
223		discharge is subject to regulation pursuant to the CWA (including
224		wastewaters at facilities that have eliminated the discharge of wastewater),
225		provided that the annualized flow of laboratory wastewater into the
226		facility's headworks does not exceed one percent or that the laboratory
227		wastes' combined annualized average concentration does not exceed one
228		part per million in the facility's headworks.
229		
230	f)	A universal waste handler or universal waste transporter (as defined in 35 Ill.
231		Adm. Code 720.110) is exempt from Sections 728.107 and 728.150 for the
232		hazardous wastes listed below. Such a handler or transporter is subject to
233		regulation pursuant to 35 Ill. Adm. Code 733.
234		
235		1) Batteries, as described in 35 Ill. Adm. Code 733.102;
236		
237		2) Pesticides, as described in 35 Ill. Adm. Code 733.103;
238		
239		3) Mercury-containing equipment, as described in 35 Ill. Adm. Code
240		733.104; and
241		
242		4) Lamps, as described in 35 Ill. Adm. Code 733.105.
243		
244	g)	This Part is cumulative with the land disposal restrictions of 35 Ill. Adm. Code
245	6)	729. The Environmental Protection Agency (Agency) must not issue a
246		wastestream authorization pursuant to 35 Ill. Adm. Code 709 or Section 22.6 or
247		39(h) of the Environmental Protection Act [415 ILCS 5/22.6 or 39(h)] unless the
248		waste meets the requirements of this Part as well as 35 Ill. Adm. Code 729.
249		waste meets are requirements of and rait as went as so in. Frank. Code 725.
250	h)	Electronic reporting. The filing of any document pursuant to any provision of this
251	11)	Part as an electronic document is subject to 35 Ill. Adm. Code 720.104.
252		T art as an electronic document is subject to 55 m. Adm. Code 720.104.
253		BOARD NOTE: Subsection (h) is derived from 40 CFR 3, as added, and 40 CFR
254		271.10(b), 271.11(b), and 271.12(h) (2015) (2005), as amended at 70 Fed. Reg.
255		59848 (Oct. 13, 2005).
255		57646 (001. 15, 2005) .
250	(Com	rea: Amended at 40 III Peg effective
	(Sou	rce: Amended at 40 Ill. Reg, effective)
258		

259 Section 728.107 Testing, Tracking, and Recordkeeping Requirements for Generators, 260 **Treaters, and Disposal Facilities**

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a) Requirements for generators.

264 1) A generator of a hazardous waste must determine if the waste has to be 265 treated before it can be land disposed. This is done by determining if the 266 hazardous waste meets the treatment standards in Section 728.140, 267 728.145, or 728.149. This determination can be made concurrently with 268 the hazardous waste determination required in 35 Ill. Adm. Code 722.111, 269 in either of two ways: testing the waste or using knowledge of the waste. 270 If the generator tests the waste, testing determines the total concentration 271 of hazardous constituents or the concentration of hazardous constituents in 272 an extract of the waste obtained using Method 1311 (Toxicity Characteristic Leaching Procedure) in "Test Methods for Evaluating Solid 273 Waste, Physical/Chemical Methods," USEPA publication number EPA-274 275 530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), 276 depending on whether the treatment standard for the waste is expressed as 277 a total concentration or concentration of hazardous constituent in the waste 278 extract. (Alternatively, the generator must send the waste to a RCRA-279 permitted hazardous waste treatment facility, where the waste treatment 280 facility must comply with the requirements of 35 Ill. Adm. Code 724.113 281 and subsection (b) of this Section.) In addition, some hazardous wastes 282 must be treated by particular treatment methods before they can be land 283 disposed and some soils are contaminated by such hazardous wastes. 284 These treatment standards are also found in Section 728.140 and Table T 285 of this Part, and are described in detail in Table C of this Part. These 286 wastes and soils contaminated with such wastes do not need to be tested 287 (however, if they are in a waste mixture, other wastes with concentration 288 level treatment standards must be tested). If a generator determines that it 289 is managing a waste or soil contaminated with a waste that displays a 290 hazardous characteristic of ignitability, corrosivity, reactivity, or toxicity, the generator must comply with the special requirements of Section 291 292 728.109 in addition to any applicable requirements in this Section. 293 294 2) If the waste or contaminated soil does not meet the treatment standard or if

the generator chooses not to make the determination of whether its waste must be treated, the generator must send a one-time written notice to each treatment or storage facility receiving the waste with the initial shipment of waste to each treatment or storage facility, and the generator must place a copy of the one-time notice in the file. The notice must include the information in column "728.107(a)(2)" of the Generator Paperwork Requirements Table in Table I of this Part. (Alternatively, if the generator

302		choos	ses not to make the determination of whether the waste must be
303		treate	d, the notification must include the USEPA hazardous waste
304		numb	ers and manifest number of the first shipment, and it must include
305			llowing statement: "This hazardous waste may or may not be
306			ct to the LDR treatment standards. The treatment facility must make
307		the de	etermination.") No further notification is necessary until such time
308			he waste or facility changes, in which case a new notification must be
309			and a copy placed in the generator's file.
310			
311	3)	If the	waste or contaminated soil meets the treatment standard at the
312			al point of generation, the waste generator must do the following:
313		B	in point of Bondanion, and matter Bondanior matter at the tono mage
314		A)	With the initial shipment of waste to each treatment, storage, or
315)	disposal facility, the generator must send a one-time written notice
316			to each treatment, storage, or disposal facility receiving the waste,
317			and place a copy in its own file. The notice must include the
318			information indicated in column "728.107(a)(3)" of the Generator
319			Paperwork Requirements Table in Table I of this Part and the
320			following certification statement, signed by an authorized
321			representative:
322			Tepresentative.
323			I certify under penalty of law that I personally have
324			examined and am familiar with the waste through analysis
325			and testing or through knowledge of the waste to support
326			this certification that the waste complies with the treatment
327			standards specified in Subpart D of 35 Ill. Adm. Code 728.
328			I believe that the information I submitted is true, accurate,
329			and complete. I am aware that there are significant
330			penalties for submitting a false certification, including the
331			possibility of a fine and imprisonment.
332			possibility of a fine and imprisonment.
333		B)	For contaminated soil, with the initial shipment of wastes to each
334		Б)	treatment, storage, or disposal facility, the generator must send a
335			
336			one-time written notice to each facility receiving the waste and
337			place a copy in the file. The notice must include the information in the column headed " $(c)(2)$ " in Table I of this Part
338			the column headed "(a)(3)" in Table I of this Part.
		0	If the most a harmony the answer the most and a second time of
339		C)	If the waste changes, the generator must send a new notice and
340			certification to the receiving facility and place a copy in its files. A
341			generator of hazardous debris excluded from the definition of
342			hazardous waste under 35 Ill. Adm. Code 721.103(f) is not subject
343			to these requirements.
344			

345 4) For reporting, tracking and recordkeeping when exceptions allow certain 346 wastes or contaminated soil that do not meet the treatment standards to be land disposed, there are certain exemptions from the requirement that 347 348 hazardous wastes or contaminated soil meet treatment standards before 349 they can be land disposed. These include, but are not limited to, case-by-350 case extensions under Section 728.105, disposal in a no-migration unit 351 under Section 728.106, or a national capacity variance or case-by-case capacity variance under Subpart C of this Part. If a generator's waste is so 352 353 exempt, then with the initial shipment of waste, the generator must send a 354 one-time written notice to each land disposal facility receiving the waste. 355 The notice must include the information indicated in column "728.107(a)(4)" of the Generator Paperwork Requirements Table in Table 356 357 I of this Part. If the waste changes, the generator must send a new notice 358 to the receiving facility, and place a copy in its file. 359 360 5) If a generator is managing and treating prohibited waste or contaminated soil in tanks, containers, or containment buildings regulated under 35 Ill. 361 Adm. Code 722.134 to meet applicable LDR treatment standards found at 362 Section 728.140, the generator must develop and follow a written waste 363 364 analysis plan that describes the procedures it will carry out to comply with the treatment standards. (Generators treating hazardous debris under the 365 alternative treatment standards of Table F of this Part, however, are not 366 367 subject to these waste analysis requirements.) The plan must be kept on site in the generator's records, and the following requirements must be 368 369 met: 370 A) The waste analysis plan must be based on a detailed chemical and 371 372 physical analysis of a representative sample of the prohibited 373 wastes being treated, and contain all information necessary to treat 374 the wastes in accordance with the requirements of this Part, 375 including the selected testing frequency; 376 377 B) Such plan must be kept in the facility's on-site files and made available to inspectors; and 378 379 Wastes shipped off-site pursuant to this subsection (a)(5)-of this 380 C) Section must comply with the notification requirements of 381 subsection (a)(3) of this Section. 382 383 384 If a generator determines that the waste or contaminated soil is restricted 6) 385 based solely on its knowledge of the waste, all supporting data used to make this determination must be retained on-site in the generator's files. If 386 a generator determines that the waste is restricted based on testing this 387

waste or an extract developed using Method 1311 (Toxicity Character	eristic
Leaching Procedure) in "Test Methods for Evaluating Solid Waste,	
Physical/Chemical Methods," USEPA publication number EPA-530/	SW-
846, all waste analysis data must be retained on-site in the generator'	S
files.	

7) If a generator determines that it is managing a prohibited waste that is excluded from the definition of hazardous or solid waste or which is exempt from Subtitle C regulation under 35 Ill. Adm. Code 721.102 through 721.106 subsequent to the point of generation (including deactivated characteristic hazardous wastes that are managed in wastewater treatment systems subject to the CWA, as specified at 35 Ill. Adm. Code 721.104(a)(2); that are CWA-equivalent; or that are managed in an underground injection well regulated under 35 Ill. Adm. Code 730), the generator must place a one-time notice stating such generation, subsequent exclusion from the definition of hazardous or solid waste or exemption from RCRA Subtitle C regulation, and the disposition of the waste in the generating facility's on-site file.

8) A generator must retain a copy of all notices, certifications, waste analysis data, and other documentation produced pursuant to this Section on-site for at least three years from the date that the waste that is the subject of such documentation was last sent to on-site or off-site treatment, storage, or disposal. The three-year record retention period is automatically extended during the course of any unresolved enforcement action regarding the regulated activity or as requested by the Agency. The requirements of this subsection (a)(8) apply to solid wastes even when the hazardous characteristic is removed prior to disposal, or when the waste is excluded from the definition of hazardous or solid waste under 35 Ill. Adm. Code 721.102 through 721.106, or exempted from RCRA Subtitle C regulation, subsequent to the point of generation.

9) If a generator is managing a lab pack containing hazardous wastes and wishes to use the alternative treatment standard for lab packs found at Section 728.142(c), the generator must fulfill the following conditions:

A) With the initial shipment of waste to a treatment facility, the generator must submit a notice that provides the information in column "Section 728.107(a)(9)" in the Generator Paperwork Requirements Table of Table I of this Part and the following certification. The certification, which must be signed by an authorized representative and must be placed in the generator's files, must say the following:

421				
431				
432				I certify under penalty of law that I personally have
433				examined and am familiar with the waste and that the lab
434				pack contains only wastes that have not been excluded
435				under Appendix D to 35 Ill. Adm. Code 728 and that this
436				lab pack will be sent to a combustion facility in compliance
437				with the alternative treatment standards for lab packs at 35
438				Ill. Adm. Code 728.142(c). I am aware that there are
439				significant penalties for submitting a false certification,
440				including the possibility of fine or imprisonment.
441				
442			B)	No further notification is necessary until such time as the wastes in
443				the lab pack change, or the receiving facility changes, in which
444				case a new notice and certification must be sent and a copy placed
445				in the generator's file.
446				
447			C)	If the lab pack contains characteristic hazardous wastes (D001-
448				D043), underlying hazardous constituents (as defined in Section
449				728.102(i)) need not be determined.
450				
451			D)	The generator must also comply with the requirements in
452				subsections (a)(6) and (a)(7) of this Section.
453				
454		10)	Smal	l quantity generators with tolling agreements pursuant to 35 Ill. Adm.
455			Code	722.120(e) must comply with the applicable notification and
456			certif	ication requirements of subsection (a) of this Section for the initial
457			shipn	nent of the waste subject to the agreement. Such generators must
458			retair	n on-site a copy of the notification and certification, together with the
459			tollin	g agreement, for at least three years after termination or expiration of
460			the ag	greement. The three-year record retention period is automatically
461			exten	ided during the course of any unresolved enforcement action
462			regar	ding the regulated activity or as requested by the Agency.
463				
464	b)	The c	wner o	r operator of a treatment facility must test its wastes according to the
465				becified in its waste analysis plan, as required by 35 Ill. Adm. Code
466				permitted TSDs) or 725.113 (for interim status facilities). Such
467				be performed as provided in subsections (b)(1), (b)(2), and (b)(3)-of
468			ection.	
469				
470		1)	For v	vastes or contaminated soil with treatment standards expressed in the
471				e extract (TCLP), the owner or operator of the treatment facility must
472				in extract of the treatment residues using Method 1311 (Toxicity
473				acteristic Leaching Procedure) in "Test Methods for Evaluating Solid
			- 027M	······································

474			Physical/Chemical Methods," USEPA publication number EPA-
475			-846, to assure that the treatment residues extract meets the
476		applicab	le treatment standards.
477		6 d	
478	2)		tes or contaminated soil with treatment standards expressed as
479			ations in the waste, the owner or operator of the treatment facility
480			t the treatment residues (not an extract of such residues) to assure
481		that the	treatment residues meet the applicable treatment standards.
482			
483	3)		me notice must be sent with the initial shipment of waste or
484			nated soil to the land disposal facility. A copy of the notice must
485		be place	d in the treatment facility's file.
486			
487		A) 1	No further notification is necessary until such time that the waste
488		(or receiving facility changes, in which case a new notice must be
489		5	sent and a copy placed in the treatment facility's file.
490			
491		B) 7	The one-time notice must include the following requirements :
492			
493		i) USEPA hazardous waste number and manifest number of
494			first shipment;
495			
496		i	i) The waste is subject to the LDRs. The constituents of
497			concern for F001 through F005 and F039 waste and
498			underlying hazardous constituents in characteristic wastes,
499			unless the waste will be treated and monitored for all
500			constituents. If all constituents will be treated and
501			monitored, there is no need to put them all on the LDR
502			notice;
503			
504		j	ii) The notice must include the applicable
505			wastewater/nonwastewater category (see Section
506			728.102(d) and (f)) and subdivisions made within a waste
507			code based on waste-specific criteria (such as D003
508			reactive cyanide);
509			
510		i	(v) Waste analysis data (when available);
511			
512			v) For contaminated soil subject to LDRs as provided in
513			Section 728.149(a), the constituents subject to treatment as
514			described in Section 728.149(d) and the following
515 516			statement, "this contaminated soil (does/does not) contai listed hazardous waste and (does/does not) exhibit a

517		characteristic of hazardous waste and (is subject
518		to/complies with) the soil treatment standards as provided
519		by Section 728.149(c)"; and
520		
521		vi) A certification is needed (see applicable Section for exact
522		wording).
523		(vorumb).
524	4)	The owner or operator of a treatment facility must submit a certification
525	-1)	signed by an authorized representative with the initial shipment of waste
526		or treatment residue of a restricted waste to the land disposal facility. The
527		certification must state as follows:
528		Settification must state as follows.
529		I certify under penalty of law that I have personally examined and
530		am familiar with the treatment technology and operation of the
531		treatment process used to support this certification. Based on my
532		inquiry of those individuals immediately responsible for obtaining
533		this information, I believe that the treatment process has been
534		operated and maintained properly so as to comply with the
535		treatment standards specified in 35 Ill. Adm. Code 728.140 without
536		impermissible dilution of the prohibited waste. I am aware there
537		are significant penalties for submitting a false certification,
538		including the possibility of fine and imprisonment.
539		including the possibility of thic and imprisonment.
540		A certification is also necessary for contaminated soil and it must state as
541		follows:
542		Ionows.
543		I certify under penalty of law that I have personally examined and
544		am familiar with the treatment technology and operation of the
545		treatment process used to support this certification and believe that
546		it has been maintained and operated properly so as to comply with
547		treatment standards specified in 35 Ill. Adm. Code 728.149 without
548		impermissible dilution of the prohibited wastes. I am aware there
549		
550		are significant penalties for submitting a false certification,
551		including the possibility of fine and imprisonment.
552		A) A convertification must be placed in the treatment facility's
		A) A copy of the certification must be placed in the treatment facility's
553		on-site files. If the waste or treatment residue changes, or the
554		receiving facility changes, a new certification must be sent to the
555		receiving facility, and a copy placed in the treatment facility's file.
556		
557		B) Debris excluded from the definition of hazardous waste under 35
558		Ill. Adm. Code 721.103(f) (i.e., debris treated by an extraction or
559		destruction technology listed in Table F of this Part and debris that

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603			of fine and imprisonment.
604			
605			E) For characteristic wastes that contain underlying hazardous
606			constituents, as defined in Section 728.102(i), that are treated on-
607			site to remove the hazardous characteristic and to treat underlying
608			hazardous constituents to levels in Section 728.148 and Table U of
609			this Part universal treatment standards, the certification must state
610			as follows:
611			
612			I certify under penalty of law that the waste has been
613			treated in accordance with the requirements of 35 Ill. Adm.
614			Code 728.140 and Table T of that Part to remove the
615			hazardous characteristic and that underlying hazardous
616			constituents, as defined in 35 Ill. Adm. Code 728.102(i),
617			have been treated on-site to meet the universal treatment
618			standards of 35 Ill. Adm. Code 728.148 and Table U of that
619			Part. I am aware that there are significant penalties for
620			submitting a false certification, including the possibility of
621			fine and imprisonment.
622			
623		5)	If the waste or treatment residue will be further managed at a different
624		-)	treatment, storage, or disposal facility, the treatment, storage, or disposal
625			facility that sends the waste or treatment residue off-site must comply with
626			the notice and certification requirements applicable to generators under
627			this Section.
628			
629		6)	Where the wastes are recyclable materials used in a manner constituting
630		•)	disposal subject to the provisions of 35 Ill. Adm. Code 726.120(b),
631			regarding treatment standards and prohibition levels, the owner or operator
632			of a treatment facility (i.e., the recycler) must, for the initial shipment of
633			waste, prepare a one-time certification described in subsection $(b)(4) \rightarrow f$
634			this Section and a notice that includes the information listed in subsection
635			(b)(3)-of this Section (except the manifest number). The certification and
636			notification must be placed in the facility's on-site files. If the waste or the
637			receiving facility changes, a new certification and notification must be
638			prepared and placed in the on-site files. In addition, the owner or operator
639			of the recycling facility also must keep records of the name and location of
640			each entity receiving the hazardous waste-derived product.
641			cuch entry receiving the nazardous waste-derived product.
642	c)	Excer	pt where the owner or operator is disposing of any waste that is a recyclable
643	0)		rial used in a manner constituting disposal pursuant to 35 Ill. Adm. Code
644			20(b), the owner or operator of any land disposal facility disposing any
645			e subject to restrictions under this Part must do the following:
			STUDIES OF TENED ADDRESS TO SEAT THE SECOND OF THE TOTOWING

646			
647		1)	Maintain in its files copies of the notice and certifications specified in
648			subsection (a) or (b) of this Section.
649			
650		2)	Test the waste or an extract of the waste or treatment residue developed
651			using Method 1311 (Toxicity Characteristic Leaching Procedure in "Test
652			Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
653			USEPA publication number EPA-530/SW-846) to assure that the waste or
654			treatment residue is in compliance with the applicable treatment standards
655			set forth in Subpart D of this Part. Such testing must be performed
656			according to the frequency specified in the facility's waste analysis plan as
657			required by 35 Ill. Adm. Code 724.113 or 35 Ill. Adm. Code 725.113.
658			
659		3)	Where the owner or operator is disposing of any waste that is subject to
660		-)	the prohibitions under Section 728.133(f) but not subject to the
661			prohibitions set forth in Section 728.132, the owner or operator must
662			ensure that such waste is the subject of a certification according to the
663			requirements of Section 728.108 prior to disposal in a landfill or surface
664			impoundment unit, and that such disposal is in accordance with the
665			requirements of Section 728.105(h)(2). The same requirement applies to
666			any waste that is subject to the prohibitions under Section 728.133(f) and
667			also is subject to the statutory prohibitions in the codified prohibitions in
668			Section 728.139 or Section 728.132.
669			
670		4)	Where the owner or operator is disposing of any waste that is a recyclable
671		.,	material used in a manner constituting disposal subject to the provisions of
672			35 Ill. Adm. Code 726.120(b), the owner or operator is not subject to
673			subsections (c)(1) through (c)(3) of this Section with respect to such
674			waste.
675			
676	d)	A ge	enerator or treater that first claims that hazardous debris is excluded from the
677	4)		nition of hazardous waste under 35 Ill. Adm. Code 721.103(f) (i.e., debris
678			ted by an extraction or destruction technology provided by Table F of this
679		Part, and debris that has been delisted) is subject to the following notification an	
680			fication requirements:
681		corti	neuron requirements.
682		1)	A one-time notification must be submitted to the Agency including the
683		1)	following information:
684			Tonowing information.
685			A) The name and address of the RCRA Subtitle D (municipal solid
686			waste landfill) facility receiving the treated debris;
687			waste failed in a facility receiving the ficated debits,
688			B) A description of the hazardous debris as initially generated,
000			b) A description of the nazardous debits as initially generated,

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689				including the applicable USEPA hazardous waste numbers; and
690				
691			C)	For debris excluded under 35 Ill. Adm. Code
692				721.103(f)(1)721.103(e)(1), the technology from Table F of this
693				Part used to treat the debris.
694				
695		2)	The 1	notification must be updated if the debris is shipped to a different
696			facili	ty and, for debris excluded under 35 Ill. Adm. Code
697			721.1	103(f)(1)721.102(f)(1), if a different type of debris is treated or if a
698			diffe	rent technology is used to treat the debris.
699				
700		3)	For d	lebris excluded under 35 Ill. Adm. Code <u>721.103(f)(1)</u> 721.102(f)(1) ,
701			the o	wner or operator of the treatment facility must document and certify
702			comp	pliance with the treatment standards of Table F of this Part, as
703			follo	WS:
704				
705			A)	Records must be kept of all inspections, evaluations, and analyses
706				of treated debris that are made to determine compliance with the
707				treatment standards;
708				
709			B)	Records must be kept of any data or information the treater obtains
710				during treatment of the debris that identifies key operating
711				parameters of the treatment unit; and
712				
713			C)	For each shipment of treated debris, a certification of compliance
714				with the treatment standards must be signed by an authorized
715				representative and placed in the facility's files. The certification
716				must state as follows:
717				
718				I certify under penalty of law that the debris has been
719				treated in accordance with the requirements of 35 Ill. Adm.
720				Code 728.145. I am aware that there are significant
721				penalties for making a false certification, including the
722				possibility of fine and imprisonment.
723				
724	e)	0		or treater that first receives a determination from USEPA or the
725		Age	ncy that	a given contaminated soil subject to LDRs, as provided in Section
726		728.	149(a),	no longer contains a listed hazardous waste and a generator or treater
727		that	that first determines that a contaminated soil subject to LDRs, as provided in	
728		Sect	ion 728.149(a), no longer exhibits a characteristic of hazardous waste must do	
729		the f	ollowin	g:
730				
731		1)	Prep	are a one-time only documentation of these determinations including

	all supporting informa	tion; and	
2)	Maintain that informat	tion in the facility file.	s and other records for a
	minimum of three year	rs.	
(Source: Ar	nended at 40 Ill. Reg.	, effective	
An order of			
		2) Maintain that informat	minimum of three years.

739 740 741	Section 728. Section 728.	APPENDIX C List of Halogenated Organic Compounds Regulated under 132						
742	In determinin	g the concentration of halogenated organic compounds (HOCs) in a hazardous						
743								
744		waste for purposes of the Section 728.132 land disposal prohibition, USEPA has defined the						
745	HOCs that must be included in a calculation as any compounds having a carbon-halogen bond that are listed in this Appendix (see Section 728.102). This Appendix C to Part 728 consists of							
746	the following	; compounds:						
747	I. Volatiles							
748 749	I. volatiles							
750	1.	Bromodichloromethane (CAS No. 75-27-4)						
751	1.	Biomodicinoromethane (CAS No. 75-27-4)						
752	2.	Bromomethane (CAS No. 74-83-9)						
753	2.	$\frac{1}{10000000000000000000000000000000000$						
754	3.	Carbon Tetrachloride (tetrachloromethane) (CAS No. 56-23-5)						
755	5.	Carbon readonionae (centernoroneanane) (cris 110. 50 25 5)						
756	4.	Chlorobenzene (CAS No. 108-90-7)						
757								
758	5.	2-Chloro-1,3-butadiene (CAS No. 126-99-8)						
759	5.							
760	6.	Chlorodibromomethane (CAS No. 124-48-1)						
761								
762	7.	Chloroethane (CAS No. 75-00-3)						
763								
764	8.	2-Chloroethyl vinyl ether ((2-chloroethoxy)ethene) (CAS No. 110-75-8)						
765								
766	9.	Chloroform (trichloromethane) (CAS No. 67-66-3)						
767								
768	10.	Chloromethane (CAS No. 74-87-3)						
769								
770	11.	3-Chloropropene (3-chloroprop-1-ene) (CAS No. 107-05-1)						
771								
772	12.	1,2-Dibromo-3-chloropropane (CAS No. 96-12-8)						
773								
774	13.	1,2-Dibromoethane (CAS No. 106-93-4)1,2-Dibromomethane						
775								
776	14.	Dibromomethane (CAS No. 74-95-3)						
777								
778	15.	Trans-1,4-Dichloro-2-butene ((2E)-1,4-dichloro-2-butene) (CAS No. 110-57-6)						
779								
780	16.	Dichlorodifluoromethane (CAS No. 75-71-8)						
781								

782	17.	1,1-Dichloroethane (CAS No. 75-34-3)	
783			
784	18.	1,2-Dichloroethane (CAS No. 107-06-2)	
785			
786	19.	1,1-Dichloroethylene (1,1-dichloroethene) (CAS No. 75-35-4)	
787			
788	20.	Trans-1,2-Dichloroethene ((1E)-1,2-dichloroethene) (CAS No. 156-60-5)	
789			
790	21.	1,2-Dichloropropane (CAS No. 78-87-5)	
791			
792	22.	Trans-1,3-Dichloropropene ((1E)-1,3-dichloroprop-1-ene) (CAS No. 10061-02-6)	
793			
794	23.	cis-1,3-Dichloropropene ((1Z)-1,3-dichloroprop-1-ene) (CAS No. 10061-01-5)	
795			
796	24.	Iodomethane (CAS No. 74-88-4)	
797	25		
798	25.	Methylene chloride (dichloromethane) (CAS No. 75-09-2)	
799	24		
800	26.	1,1,1,2-Tetrachloroethane (CAS No. 630-20-6)	
801	27		
802	27.	1,1,2,2-Tetrachloroethane (CAS No. 79-34-5)	
803	29	Totas chlore otheres (CAS No. 127.18.4)	
804	28.	Tetrachloroethene (CAS No. 127-18-4)	
805	20	Tribromomothene (CAS No. 75 25 2)	
806 807	29.	Tribromomethane (CAS No. 75-25-2)	
808	30.	1,1,1-Trichloroethane (CAS No. 71-55-6)	
809	50.	1,1,1-111011010ethalle (<u>CAS 100. 71-55-0)</u>	
810	31.	1,1,2-Trichloroethane (CAS No. 79-00-5)	
811	51.	1,1,2-Inchoroethane (<u>CAS No. 79-00-5)</u>	
812	32.	Trichloroethene (CAS No. 79-01-6)	
813	52.	memoroentene (CAB NO. 79-01-0)	
814	33.	Trichloromonofluoromethane (trichlorofluoromethane) (CAS No. 75-69-4)	
815	55.	memoromononuoromeniane <u>(unemoromationeniane) (erio 100. 15-0)-4</u>	
816	34.	1,2,3-trichloropropane (CAS No. 96-18-4)1,2,3-Thrichloropropane	
817	54.	1,2,5-themotopropule (erto 100. 50 10 4)1,2,5 Theenotopropule	
818	35.	Vinyl Chloride (chloroethene) (CAS No. 75-01-4)	
819	55.	Vinyi Cinoride (Cinoridente) (Cinoride 100.10 01.1)	
820	II. Semivola	tiles	
821	II. Seilivoid		
822	1.	Bis(2-chloroethoxy)ethane (1,2-bis(2-chlorethoxy)ethane) (CAS No. 112-26-5)	
823	50	Dista enteroentery jeunine (1,2 entre enterentery jeunine) (enter 112 20 9)	
040			

825		chloroethyl)ether
826	1.22	
827	3.	Bis(2-chloroisopropyl)ether (2,2'-oxybis(2-chloropropane)) (CAS No. 39638-32-
828		<u>9)</u>
829		
830	4.	p-Chloroaniline (4-chlorobenzeneamine) (CAS No. 106-47-8)
831		
832	5.	Chlorobenzilate (ethyl 2,2-bis(4-chlorophenyl)-2-hydroxyacetate) (CAS No. 510-
833		<u>15-6)</u>
834		
835	6.	p-Chloro-m-cresol (4-chloro-3-methylphenol) (CAS No. 59-50-7)
836		
837	7.	2-Chloronaphthalene (CAS No. 91-58-7)
838		
839	8.	2-Chlorophenol (CAS No. 95-57-8)
840		
841	9.	3-Chloropropionitrile (3-chloropronanenitrile) (CAS No. 542-76-7)
842		
843	10.	m-Dichlorobenzene (1,3-dichlorobenzene) (CAS No. 541-73-1)
844		
845	11.	o-Dichlorobenzene (1,2-dichlorobenzene) (CAS No. 95-50-1)
846		
847	12.	p-Dichlorobenzene (1,4-dichlorobenzene) (CAS No. 106-46-7)
848		
849	13.	3,3'3.3'-Dichlorobenzidine (4-(4-amino-3-chlorophenyl)-2-chloroaniline) (CAS
850		No. 91-94-1)
851		
852	14.	2,4-Dichlorophenol (CAS No. 120-83-2)
853	100	
854	15.	2,6-Dichlorophenol (CAS No. 87-65-0)
855		
856	16.	Hexachlorobenzene (CAS No. 118-74-1)
857		
858	17.	Hexachlorobutadiene (hexachlorobuta-1,3-diene) (CAS No. 87-68-3)
859	311	
860	18.	Hexachlorocyclopentadiene (CAS No. 77-47-4)
861	10.	
862	19.	Hexachloroethane (CAS No. 67-72-1)
863		
864	20.	Hexachlorophene (2,2'-methylenebis(3,4,6-trichlorophenol)) (CAS No. 70-30-4)
865	20.	Tendenorophone (2,2 montheneois(3, 1,6 arenorophonor)) (erte 116, 70-30-4)
866	21.	Hexachloropropene (CAS No. 1888-71-7)
867	21.	
007		

868 869	22.	4,4'-Methylenebis(2-chloroanaline) (4-[(4-amino-3-chlorophenyl)methyl]-2- chloroaniline) (CAS No. 101-14-4)
870		enoroannine) (CrAS No. 101-14-4)
871	23.	Pentachlorobenzene (CAS No. 608-93-5)
872	25.	
873	24.	Pentachloroethane (CAS No. 76-01-7)
874		
875	25.	Pentachloronitrobenzene (CAS No. 82-68-8)
876		
877	26.	Pentachlorophenol (CAS No. 87-86-5)
878		
879	27.	Pronamide (3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide) (CAS No.
880		23950-58-5)
881		
882	28.	1,2,4,5-Tetrachlorobenzene (CAS No. 95-94-3)
883		
884	29.	2,3,4,6-Tetrachlorophenol (CAS No. 58-90-2)
885		
886	30.	1,2,4-Trichlorobenzene (CAS No. 120-82-1)
887		
888	31.	2,4,5-Trichlorophenol (CAS No. 95-95-4)
889		
890	32.	2,4,6-Trichlorophenol (CAS No. 88-06-2)
891		
892	33.	Tris(2,3-dibromopropyl) phosphate (CAS No. 126-72-7)
893		
894	III. Organoc	hlorine Pesticides
895		
896	1.	Aldrin ((1R,4S,4aS,5S,8R,8aR)-1,2,3,4,10,10-hexachloro-1,2,4a,5,8,8a-
897		hexahydro-1,4:5,8-dimethanonaphthlene) (CAS No. 309-00-2)
898	2	$\frac{1}{2} = \frac{1}{2} = \frac{1}$
899	2.	alpha-BHC (α-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-84-6)
900	2	hate DUC (0, 1, 2, 2, 4, 5, 6, house blancourd a house a) (CAS No. 210, 85, 7)
901	3.	beta-BHC (β-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-85-7)
902 903	4	data DUC (\$ 1.2.2.4.5.6 haveablaneavelahavena) (CAS No. 58.80.0)
903	4.	delta-BHC (δ-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 58-89-9)
904 905	5.	commo DUC (v. 1.2.2.4.5.6 hovershlaroovalshovers) (CAS No. 210.86.8)
905	5.	gamma-BHC (γ-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-86-8)
900	6.	Chlordane (1,2,4,5,6,7,8,8-octachloro-3a,4,5,5a-tetrahydro-4,7-methanoindane)
907	0.	(CAS No. 57-74-9) Chlorodane
908		(CAS NO. J7-74-2) emotodane
909	7.	DDD (1,1-bis(4-chlorophenyl)-2,2-dichloroethane) (CAS No. 72-54-8)
910	1.	(1,1-0)(4-c)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)(0)

911		
912	8.	DDE (1,1-bis(4-chlorophenyl)-2,2-dichloroethene) (CAS No. 72-55-9)
913		
914	9.	DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane) (CAS No. 50-29-3)
915		
916	10.	Dieldrin ((1aR,2R,2aS,3S,6R,7S,7aS)-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-
917		octahydro-2,7:3,6-dimethanonaphtho[2,3-b]oxirene) (CAS No. 60-57-1)
918		
919	11.	Endosulfan I ((3α,5aβ,6α,9α,9aβ)-6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-
920		hexahydro-6,9-methano-2,4,3-benzodioxathiepine-3-oxide) (CAS No. 959-98-8)
921		
922	12.	Endosulfan II ((3α,5aβ,6β,9β,9aα)-6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-
923		hexahydro-6,9-methano-2,4,3-benzodioxathiepine-3-oxide) (CAS No. 33213-65-
924		9)
925		
926	13.	Endrin (1aα,2β,2aβ,3aα,6α,6aβ,7β,7aα)-3,4,5,6,9,9-hexachloro-
927		1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphth(2,3-b)oxirene) (CAS No.
928		72-20-8)
929		
930	14.	Endrin aldehyde (1α,2β,2aβ,4β,4aβ,5β,6aβ,6bβ,7R*)-2,2a,3,3,4,7-
931		hexachlorodecahydro-1,2,4-methenocyclopenta(c,d)pentalene-5-carboxaldehyde)
932		(CAS No. 7421-93-4)
933		
934	15.	Heptachlor (1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-
935	15.	indene) (CAS No. 76-44-8)
936		<u>Indeney (Cris Ive. 70-44-6)</u>
937	16.	Heptachlor epoxide ((1aR,1bS,2R,5S,5aR,6S,6aR)-2,3,4,5,6,7,7-heptachloro-
938	10,	1a,1b,5,5a,6,6a-hexahydro-2,5-methano-2H-indeno(1,2b)oxirene) (CAS No.
939		1024-57-3)
939 940		1024-37-31
940 941	17.	Isodrin ((1R,4S,4aS,5R,8S,8aR)-rel-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-
941 942	17.	hexahydro-1,4:5,8-dimethanonaphthalene) (CAS No. 465-73-6)
942 943		nexallydro-1,4.5,8-dimethanonaphthalene) (CAS No. 465-75-6)
945 944	10	Kanana (1.1a.2.2a.4.5.5.5a.5h.6. dagaablana atabudra 1.2.4 mathana 201
	18.	Kepone (1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-1,3,4-metheno-2H-
945		cyclobuta(cd)pentalen-2-one) (CAS No. 143-50-0)
946	10	
947	19.	Methoxychlor (1,1'-(2,2,2-trichloroethylidene)bis(4-methoxybenzene)) (CAS No
948		72-43-5)Methoxyclor
949		T 1 (CLENT 0001 05 0)
950	20.	Toxaphene (CAS No. 8001-35-2)
951		
	IV. Phenoxy	acetic Acid Herbicides
953		

954	1.	2,4-Dichlorophenoxyacetic acid (CAS No. 94-75-7)
955	2	
956	2.	Silvex (2-(2,4,5-trichlorophenoxy)propionic acid) (CAS No. 93-72-1)
957	2	$245 \pm (245 \pm 1)$
958	3.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (CAS No. 93-76-5)
959 960	V. PCBs	
960 961	V. FCDS	
962	1.	Aroclor 1016 (CAS No. 12674-11-2)
963	1.	Alociol 1010 (CAB NO. 12074-11-2)
964	2.	Aroclor 1221 (CAS No. 11104-28-2)
965	2.	
966	3.	Aroclor 1232 (CAS No. 11141-16-5)
967		· · · · · · · · · · · · · · · · · · ·
968	4.	Aroclor 1242 (CAS No. 53469-21-9)
969		
970	5.	Aroclor 1248 (CAS No. 12672-29-6)
971		
972	6.	Aroclor 1254 (CAS No. 11097-69-1)
973		
974	7.	Aroclor 1260 (CAS No. 11096-82-5)
975		
976	8.	PCBs not otherwise specified (CAS No. 1336-36-3)
977		
978	VI. Dioxins	and Furans
979		
980	1.	Hexachlorodibenzo-p-dioxins (CAS No. 34465-46-8)
981	1.0	
982	2.	Hexachlorodibenzofuran (CAS No. 55684-94-1)
983	2	
984	3.	Pentachlorodibenzo-p-dioxins (CAS No. 36088-22-9)
985 986	4.	Pentachlorodibenzofuran (CAS No. 30402-15-4)
980	4.	remachiorodibenzoruran (CAS No. 50402-15-4)
988	5.	Tetrachlorodibenzo-p-dioxins (CAS No. 41903-57-5)
989	5.	Tetraemorodioenzo-p-dioxins (CAS No. 41905-57-5)
990	6.	Tetrachlorodibenzofuran (CAS No. 30402-14-3; 55722-27-5)
991	0.	Tendemotodioenzorutani (<u>erio 100. 50402 14 5, 55722 21 5)</u>
992	7.	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-tetrachlorodibenzo[b,e][1,4]dioxin)
993		(CAS No. 1746-01-6)

994 995	BOARD NO	OTE: Derived from appendix III to 40 CFR 268 (2015)(2010).

			JCAR550728-
997	(Source: Amended at 40 Ill. Reg.	, effective)
998			

999 Section 728. APPENDIX G Federal Effective Dates

1000

1001 The following are the effective dates for the USEPA rules in 40 CFR 268. These generally

1002 became effective as Illinois rules at a later date.

1003

TABLE 1

EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL AND DEBRIS) REGULATED IN THE LDRS^a – COMPREHENSIVE LIST

Waste code	Waste category	Effective date
D001 ^c	All (except High TOC Ignitable Liquids)	August 9, 1993
D001	High TOC Ignitable Liquids	August 8, 1990
D002 ^c	All	August 9, 1993
D003 ^e	Newly identified surface-disposed elemental phosphorus processing wastes	May 26, 2000
D004	Newly identified D004 and mineral processing wastes	August 24, 1998
D004	Mixed radioactive/newly identified D004 or mineral processing wastes	May 26, 2000
D005	Newly identified D005 and mineral processing wastes	August 24, 1998
D005	Mixed radioactive/newly identified D005 or mineral processing wastes	May 26, 2000
D006	Newly identified D006 and mineral processing wastes	August 24, 1998
D006	Mixed radioactive/newly identified D006 or mineral processing wastes	May 26, 2000
D007	Newly identified D007 and mineral processing wastes	August 24, 1998
D007	Mixed radioactive/newly identified D007 or mineral processing wastes	May 26, 2000
D008	Newly identified D008 and mineral processing waste	August 24, 1998
D008	Mixed radioactive/newly identified D008 or mineral processing wastes	May 26, 2000
D009	Newly identified D009 and mineral processing waste	August 24, 1998
D009	Mixed radioactive/newly identified D009 or mineral processing wastes	May 26, 2000
D010	Newly identified D010 and mineral processing wastes	August 24, 1998
D010	Mixed radioactive/newly identified D010 or mineral processing wastes	May 26, 2000
D011	Newly identified D011 and mineral processing wastes	August 24, 1998
D011	Mixed radioactive/newly identified D011or mineral processing wastes	May 26, 2000
D012 (that exhibit the toxicity characteristic	All	December 14, 1994

toxicity characteristic based on the TCLP)^d

D013 (that exhibit the toxicity characteristic	All	December 14, 1994
based on the TCLP) ^d D014 (that exhibit the toxicity characteristic	All	December 14, 1994
based on the TCLP) ^d D015 (that exhibit the toxicity characteristic	All	December 14, 1994
based on the TCLP) ^d D016 (that exhibit the toxicity characteristic	All	December 14, 1994
based on the TCLP) ^{d} D017 (that exhibit the	All	December 14, 1994
toxicity characteristic based on the TCLP) ^d		
D018	Mixed with radioactive wastes	September 19, 1996
D018	All others	December 19, 1994
D019	Mixed with radioactive wastes	September 19, 1996
D019	All others	December 19, 1994
D020	Mixed with radioactive wastes	September 19, 1996
D020	All others	December 19, 1994
D021	Mixed with radioactive wastes	September 19, 1996
D021	All others	December 19, 1994
D022	Mixed with radioactive wastes	September 19, 1996
D022	All others	December 19, 1994
D023	Mixed with radioactive wastes	September 19, 1996
D023	All others	December 19, 1994
D024	Mixed with radioactive wastes	September 19, 1996
D024	All others	December 19, 1994
D025	Mixed with radioactive wastes	September 19, 1996
D025	All others	December 19, 1994
D026	Mixed with radioactive wastes	September 19, 1996
D026	All others	December 19, 1994
D027	Mixed with radioactive wastes	September 19, 1996
D027	All others	December 19, 1994
D028	Mixed with radioactive wastes	September 19, 1996
D028	All others	December 19, 1994
D029	Mixed with radioactive wastes	September 19, 1996
D029	All others	December 19, 1994
D030	Mixed with radioactive wastes	September 19, 1994
D030	All others	December 19, 1994
D031	Mixed with radioactive wastes	September 19, 1994
D031	All others	December 19, 1990
1001	r m oulois	December 19, 1994

D032	Mixed with radioactive wastes	September 19, 1996
D032	All others	December 19, 1994
D033	Mixed with radioactive wastes	September 19, 1996
D033	All others	December 19, 1994
D034	Mixed with radioactive wastes	September 19, 1996
D034	All others	December 19, 1994
D035	Mixed with radioactive wastes	September 19, 1996
D035	All others	December 19, 1994
D036	Mixed with radioactive wastes	September 19, 1996
D036	All others	December 19, 1994
D037	Mixed with radioactive wastes	September 19, 1996
D037	All others	December 19, 1994
D038	Mixed with radioactive wastes	September 19, 1996
D038	All others	December 19, 1994
D039	Mixed with radioactive wastes	September 19, 1996
D039	All others	December 19, 1994
D040	Mixed with radioactive wastes	September 19, 1996
D040	All others	December 19, 1994
D041	Mixed with radioactive wastes	September 19, 1996
D041	All others	December 19, 1994
D042	Mixed with radioactive wastes	September 19, 1996
D042	All others	December 19, 1994
D043	Mixed with radioactive wastes	September 19, 1996
D043	All others	December 19, 1994
F001	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F001	All others	November 8, 1986
F002 (1,1,2-	Wastewater and Nonwastewater	August 8, 1990
trichloroethane)		,
F002	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F002	All others	November 8, 1986
F003	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F003	All others	November 8, 1986
F004	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F004	All others	November 8, 1986

F005 (benzene, 2- ethoxy ethanol, 2- nitropropane)	Wastewater and Nonwastewater	August 8, 1990
F005	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F005	All others	November 8, 1986
F006	Wastewater	August 8, 1990
F006	Nonwastewater	August 8, 1988
F006 (cyanides)	Nonwastewater	July 8, 1989
F007	All	July 8, 1989
F008	All	July 8, 1989
F009	All	July 8, 1989
F010	All	June 8, 1989
F011 (cyanides)	Nonwastewater	December 8, 1989
F011	All others	July 8, 1989
F012 (cyanides)	Nonwastewater	December 8, 1989
F012 (cyandes)	All others	July 8, 1989
F019	All	August 8, 1990
F020	All	November 8, 1988
F021	All	November 8, 1988
F025	All	August 8, 1990
F026	All	November 8, 1990
F027	All	November 8, 1988
F028	All	
F032	Mixed with radioactive wastes	November 8, 1988
F032	All others	May 12, 1999
		August 12, 1997
F034	Mixed with radioactive wastes	May 12, 1999
F034	All others Mixed with radioactive wastes	August 12, 1997
F035		May 12, 1999
F035	All others	August 12, 1997
F037	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F037	Generated from surface impoundment cleanouts or	June 30, 1994
	closures	
F037	Mixed with radioactive wastes	June 30, 1994
F038	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F038	Generated from surface impoundment cleanouts or closures	June 30, 1994
F038	Mixed with radioactive wastes	June 30, 1994
F039	Wastewater	August 8, 1990
F039	Nonwastewater	May 8, 1992

K001All othersK002AllK003AllK004WastewaterK005WastewaterK005NonwastewaterK006AllK007WastewaterK008WastewaterK008NonwastewaterK009AllK011WastewaterK013WastewaterK014WastewaterK015NonwastewaterK016AllK017AllK018AllK019AllK014WastewaterK015NonwastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028All others	K001 (organics) ^b	All
K002AllK003AllK004WastewaterK005WastewaterK005NonwastewaterK006AllK007WastewaterK008WastewaterK009AllK010AllK011WastewaterK013NonwastewaterK014WastewaterK015NonwastewaterK016AllK017AllK018AllK017AllK015WastewaterK014NonwastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		
K003AllK004WastewaterK005WastewaterK005NonwastewaterK006AllK007WastewaterK007NonwastewaterK008WastewaterK009AllK010AllK011WastewaterK013WastewaterK014NonwastewaterK015WastewaterK016AllK017AllK018AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K002	
K004WastewaterK005WastewaterK005NonwastewaterK006AllK007WastewaterK007NonwastewaterK008WastewaterK008NonwastewaterK009AllK011WastewaterK013NonwastewaterK014NonwastewaterK015WastewaterK016AllK017AllK013NonwastewaterK014NonwastewaterK015WastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		
K004NonwastewaterK005WastewaterK006AllK007WastewaterK007NonwastewaterK008WastewaterK008NonwastewaterK009AllK010AllK011WastewaterK013WastewaterK014NonwastewaterK015WastewaterK016AllK017AllK018AllK019AllK012WastewaterK013NonwastewaterK014NonwastewaterK015WastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		
K005WastewaterK006AllK007WastewaterK007NonwastewaterK007NonwastewaterK008WastewaterK009AllK010AllK011WastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028All others		
K005NonwastewaterK006AllK007WastewaterK007NonwastewaterK008WastewaterK009AllK010AllK011WastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK019AllK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K005	
K007WastewaterK008WastewaterK008NonwastewaterK009AllK010AllK011WastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK022WastewaterK023AllK024AllK025NonwastewaterK026AllK027AllK028AllK028AllK028AllK028AllK028AllK028AllK028AllK028AllK028AllK028AllK028All	K005	
K007NonwastewaterK008WastewaterK009AllK010AllK011WastewaterK011NonwastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028All	K006	All
K008WastewaterK009AllK010AllK011WastewaterK011WastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028All	K007	Wastewater
K008NonwastewaterK009AllK010AllK011WastewaterK011NonwastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK025NonwastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K007	Nonwastewater
K009AllK010AllK011WastewaterK013WastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K008	Wastewater
K010AllK011WastewaterK013NonwastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK015WastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K008	Nonwastewater
K011WastewaterK011NonwastewaterK013WastewaterK013NonwastewaterK014WastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K009	All
K011NonwastewaterK013WastewaterK014WastewaterK014WastewaterK015WastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K010	All
K013WastewaterK013NonwastewaterK014WastewaterK014NonwastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K011	Wastewater
K013NonwastewaterK014WastewaterK015WastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K011	Nonwastewater
K014WastewaterK014NonwastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K013	Wastewater
K014NonwastewaterK015WastewaterK015NonwastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K013	Nonwastewater
K015WastewaterK015NonwastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K014	Wastewater
K015NonwastewaterK016AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K014	Nonwastewater
K016AllK017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K015	Wastewater
K017AllK018AllK019AllK020AllK021WastewaterK022WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K015	Nonwastewater
K018AllK019AllK020AllK021WastewaterK021NonwastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater		All
K019AllK020AllK020AllK021WastewaterK022WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K017	All
K020AllK021WastewaterK021NonwastewaterK022WastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K018	All
K021WastewaterK021NonwastewaterK022WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)Nonwastewater	K019	All
K021NonwastewaterK022WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K020	All
K022WastewaterK022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		Wastewater
K022NonwastewaterK023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	K021	Nonwastewater
K023AllK024AllK025WastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		Wastewater
K024AllK025WastewaterK025NonwastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others	1000 2 TO TO 1	
K025WastewaterK025NonwastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		
K025NonwastewaterK026AllK027AllK028 (metals)NonwastewaterK028All others		All
K026AllK027AllK028 (metals)NonwastewaterK028All others		Wastewater
K027AllK028 (metals)NonwastewaterK028All others		
K028 (metals)NonwastewaterK028All others		
K028 All others		
		Nonwastewater
K029 Wastewater		
	K029	Wastewater
K029 Nonwastewater		
K030 All	K030	All

August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1990 August 8, 1990 August 8, 1988 August 8, 1990 June 8, 1989 August 8, 1990 August 8, 1990 June 8, 1989 August 8, 1990 August 8, 1988 June 8, 1989 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 August 8, 1988 June 8, 1989 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1988

K031	Wastewater
K031	Nonwastewater
K032	All
K033	All
K034	All
K035	All
K036	Wastewater
K036	Nonwastewater
K037 ^b	Wastewater
K037	Nonwastewater
K038	All
K039	All
K040	All
K041	All
K042	All
K043	All
K044	All
K045	All
K046 (Nonreactive)	Nonwastewater
K046	All others
K047	All
K048	Wastewater
K048	Nonwastewater
K049	Wastewater
K049	Nonwastewater
K050	Wastewater
K050	Nonwastewater
K051	Wastewater
K051	Nonwastewater
K052	Wastewater
K052	Nonwastewater
K060	Wastewater
K060	Nonwastewater
K061	Wastewater
K061	Nonwastewater
K062	All
K069 (non-calcium	Nonwastewater
sulfate)	A CONTRACTOR CONTRACTOR
K069	All others
K071	All
K073	All
K083	All
K084	Wastewater

August 8, 1990 May 8, 1992 August 8, 1990 August 8, 1990 August 8, 1990 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1988 August 8, 1988 June 8, 1989 June 8, 1989 June 8, 1989 August 8, 1990 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 November 8, 1990 August 8, 1990 August 8, 1988 August 8, 1990 June 30, 1992 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1990 August 8, 1990 August 8, 1990 August 8, 1990

K084	Nonwastewater	May 8, 1992
K085	All	August 8, 1990
K086 (organics) ^b	All	August 8, 1988
K086	All others	August 8, 1988
K087	All	August 8, 1988
K088	Mixed with radioactive wastes	April 8, 1998
K088	All others	October 8, 1997
<u>K088</u>	All others	January 8, 1997
K093	All	June 8, 1989
K094	All	June 8, 1989
K095	Wastewater	August 8, 1990
K095	Nonwastewater	June 8, 1989
K096	Wastewater	August 8, 1990
K096	Nonwastewater	June 8, 1989
K097	All	August 8, 1990
K098	All	August 8, 1990
K099	All	August 8, 1988
K100	Wastewater	August 8, 1990
K100	Nonwastewater	August 8, 1988
K101 (organics)	Wastewater	August 8, 1988
K101 (metals)	Wastewater	August 8, 1990
K101 (organics)	Nonwastewater	August 8, 1988
K101 (metals)	Nonwastewater	May 8, 1992
K102 (organics)	Wastewater	August 8, 1988
K102 (metals)	Wastewater	August 8, 1990
K102 (organics)	Nonwastewater	August 8, 1988
K102 (metals)	Nonwastewater	May 8, 1992
K103	All	August 8, 1988
K104	All	August 8, 1988
K105	All	August 8, 1990
K106	Wastewater	August 8, 1990
K106	Nonwastewater	May 8, 1992
K107	Mixed with radioactive wastes	June 30, 1994
K107	All others	November 9, 1992
K108	Mixed with radioactive wastes	June 30, 1994
K108	All others	November 9, 1992
K109	Mixed with radioactive wastes	June 30, 1994
K109	All others	November 9, 1992
K110	Mixed with radioactive wastes	June 30, 1994
K110	All others	November 9, 1992
K111	Mixed with radioactive wastes	June 30, 1994
K111	All others	November 9, 1992
K112	Mixed with radioactive wastes	June 30, 1994

K112	All others	November 9, 1992
K113	All	June 8, 1989
K114	All	June 8, 1989
K115	All	June 8, 1989
K116	All	June 8, 1989
K117	Mixed with radioactive wastes	June 30, 1994
K117	All others	November 9, 1992
K118	Mixed with radioactive wastes	June 30, 1994
K118	All others	November 9, 1992
K123	Mixed with radioactive wastes	June 30, 1994
K123	All others	November 9, 1992
K124	Mixed with radioactive wastes	June 30, 1994
K124	All others	November 9, 1992
K125	Mixed with radioactive wastes	June 30, 1994
K125	All others	November 9, 1992
K126	Mixed with radioactive wastes	June 30, 1994
K126	All others	November 9, 1992
K131	Mixed with radioactive wastes	June 30, 1994
K131	All others	November 9, 1992
K132	Mixed with radioactive wastes	June 30, 1994
K132	All others	November 9, 1992
K136	Mixed with radioactive wastes	June 30, 1994
K136	All others	November 9, 1992
K141	Mixed with radioactive wastes	September 19, 1996
K141	All others	December 19, 1994
K142	Mixed with radioactive wastes	September 19, 1996
K142	All others	December 19, 1994
K143	Mixed with radioactive wastes	September 19, 1996
K143	All others	December 19, 1994
K144	Mixed with radioactive wastes	September 19, 1996
K144	All others	December 19, 1994
K145	Mixed with radioactive wastes	September 19, 1996
K145	All others	December 19, 1994
K147	Mixed with radioactive wastes	September 19, 1996
K147	All others	December 19, 1994
K148	Mixed with radioactive wastes	September 19, 1996
K148	All others	December 19, 1994
K149	Mixed with radioactive wastes	September 19, 1996
K149	All others	December 19, 1994
K150	Mixed with radioactive wastes	September 19, 1996
K150	All others	December 19, 1994
K151	Mixed with radioactive wastes	September 19, 1996
K151	All others	December 19, 1994

K156	Mixed with radioactive wastes	April 8, 1998
K156	All others	July 8, 1996
K157	Mixed with radioactive wastes	April 8, 1998
K157	All others	July 8, 1996
K158	Mixed with radioactive wastes	April 8, 1998
K158	All others	July 8, 1996
K159	Mixed with radioactive wastes	April 8, 1998
K159	All others	July 8, 1996
K160	Mixed with radioactive wastes	April 8, 1998
K160	All others	July 8, 1996
K161	Mixed with radioactive wastes	April 8, 1998
K161	All others	July 8, 1996
K169	All	February 8, 1999
K170	All	February 8, 1999
K171	All	February 8, 1999
K172	All	February 8, 1999
K174	All	May 7, 2001
K175	All	May 7, 2001
K176	All	May 20, 2002
K177	All	May 20, 2002
K178	All	May 20, 2002
K181	All	August 23, 2005
P001	All	August 8, 1990
P002	All	August 8, 1990
P003	All	August 8, 1990
P004	All	August 8, 1990
P005	All	August 8, 1990
P006	All	August 8, 1990
P007	All	August 8, 1990
P008	All	August 8, 1990
P009	All	August 8, 1990
P010	Wastewater	August 8, 1990
P010	Nonwastewater	May 8, 1992
P011	Wastewater	August 8, 1990
P011	Nonwastewater	May 8, 1992
P012	Wastewater	August 8, 1990
P012	Nonwastewater	May 8, 1992
P013 (barium)	Nonwastewater	August 8, 1990
P013	All others	June 8, 1989
P014	All	August 8, 1990
P015	All	August 8, 1990
P016	All	August 8, 1990
P017	All	August 8, 1990

All All	August 8, 1990
All	
	August 8, 1990
All	June 8, 1989
	August 8, 1990
	August 8, 1990
All	June 8, 1989
All	June 8, 1989
All	August 8, 1990
All	August 8, 1990
All	August 8, 1990
Wastewater	August 8, 1990
Nonwastewater	May 8, 1992
All	August 8, 1990
Wastewater	August 8, 1990
Nonwastewater	May 8, 1992
All	June 8, 1989
All	June 8, 1989
All	June 8, 1989
All	August 8, 1990
All	June 8, 1989
All	June 8, 1989
All	August 8, 1990
	June 8, 1989
	June 8, 1989
	August 8, 1990
	August 8, 1990
	May 8, 1990
	All All All All All All All All All All

1.000		
P066	All	August 8, 1990
P067	All	August 8, 1990
P068	All	August 8, 1990
P069	All	August 8, 1990
P070	All	August 8, 1990
P071	All	June 8, 1989
P072	All	August 8, 1990
P073	All	August 8, 1990
P074	All	June 8, 1989
P075	All	August 8, 1990
P076	All	August 8, 1990
P077	All	August 8, 1990
P078	All	August 8, 1990
P081	All	August 8, 1990
P082	All	August 8, 1990
P084	All	August 8, 1990
P085	All	June 8, 1989
P087	All	May 8, 1992
P088	All	August 8, 1990
P089	All	June 8, 1989
P092	Wastewater	August 8, 1990
P092	Nonwastewater	May 8, 1992
P093	All	August 8, 1990
P094	All	June 8, 1989
P095	All	August 8, 1990
P096	All	August 8, 1990
P097	All	June 8, 1989
P098	All	June 8, 1989
P099 (silver)	Wastewater	August 8, 1990
P099	All others	June 8, 1989
P101	All	August 8, 1990
P102	All	August 8, 1990
P103	All	August 8, 1990
P104 (silver)	Wastewater	August 8, 1990
P104	All others	June 8, 1989
P105	All	August 8, 1990
P106	All	June 8, 1989
P108	All	August 8, 1990
P109	All	June 8, 1989
P110	All	August 8, 1990
P111	All	June 8, 1989
P112	All	August 8, 1990
P113	All	August 8, 1990
	177112	

P114	All	August 8, 1990
P115	All	August 8, 1990
P116	All	August 8, 1990
P118	All	August 8, 1990
P119	All	August 8, 1990
P120	All	August 8, 1990
P121	All	June 8, 1989
P122	All	August 8, 1990
P123	All	August 8, 1990
P127	Mixed with radioactive wastes	April 8, 1998
P127	All others	July 8, 1996
P128	Mixed with radioactive wastes	April 8, 1998
P128	All others	July 8, 1996
P185	Mixed with radioactive wastes	April 8, 1998
P185	All others	July 8, 1996
P188	Mixed with radioactive wastes	April 8, 1998
P188	All others	July 8, 1996
P189	Mixed with radioactive wastes	April 8, 1998
P189	All others	July 8, 1996
P190	Mixed with radioactive wastes	April 8, 1998
P190	All others	July 8, 1996
P191	Mixed with radioactive wastes	April 8, 1998
P191	All others	July 8, 1996
P192	Mixed with radioactive wastes	April 8, 1998
P192	All others	July 8, 1996
P194	Mixed with radioactive wastes	April 8, 1998
P194	All others	July 8, 1996
P196	Mixed with radioactive wastes	April 8, 1998
P196	All others	July 8, 1996
P197	Mixed with radioactive wastes	April 8, 1998
P197	All others	July 8, 1996
P198	Mixed with radioactive wastes	April 8, 1998
P198	All others	July 8, 1996
P199	Mixed with radioactive wastes	April 8, 1998
P199	All others	July 8, 1996
P201	Mixed with radioactive wastes	April 8, 1998
P201	All others	July 8, 1996
P202	Mixed with radioactive wastes	April 8, 1998
P202	All others	July 8, 1996
P203	Mixed with radioactive wastes	April 8, 1998
P203	All others	July 8, 1996
P204	Mixed with radioactive wastes	April 8, 1998
P204	All others	July 8, 1996

P205	Mixed with radioactive wastes	April 8, 1998
P205	All others	July 8, 1996
U001	All	August 8, 1990
U002	All	August 8, 1990
U003	All	August 8, 1990
U004	All	August 8, 1990
U005	All	August 8, 1990
U006	All	August 8, 1990
U007	All	August 8, 1990
U008	All	August 8, 1990
U009	All	August 8, 1990
U010	All	August 8, 1990
U011	All	August 8, 1990
U012	All	August 8, 1990
U014	All	August 8, 1990
U015	All	August 8, 1990
U016	All	August 8, 1990
U017	All	August 8, 1990
U018	All	August 8, 1990
U019	All	August 8, 1990
U020	All	August 8, 1990
U021	All	August 8, 1990
U022	All	August 8, 1990
U023	All	August 8, 1990
U024	All	August 8, 1990
U025	All	August 8, 1990
U026	All	August 8, 1990
U027	All	August 8, 1990
U028	All	June 8, 1989
U029	All	August 8, 1990
U030	All	August 8, 1990
U031	All	August 8, 1990
U032	All	August 8, 1990
U033	All	August 8, 1990
U034	All	August 8, 1990
U035	All	August 8, 1990
U036	All	August 8, 1990
U037	All	August 8, 1990
U038	All	August 8, 1990
U039	All	August 8, 1990
U041	All	August 8, 1990
U042	All	August 8, 1990
U043	All	August 8, 1990

U044	All	August 8, 1990
U045	All	August 8, 1990
U046	All	August 8, 1990
U047	All	August 8, 1990
U048	All	August 8, 1990
U049	All	August 8, 1990
U050	All	August 8, 1990
U051	All	August 8, 1990
U052	All	August 8, 1990
U053	All	August 8, 1990
U055	All	August 8, 1990
U056	All	August 8, 1990
U057	All	August 8, 1990
U058	All	June 8, 1989
U059	All	August 8, 1990
U060	All	August 8, 1990
U061	All	August 8, 1990
U062	All	August 8, 1990
U063	All	August 8, 1990
U064	All	August 8, 1990
U066	All	August 8, 1990
U067	All	August 8, 1990
U068	All	August 8, 1990
U069	All	June 30, 1992
U070	All	August 8, 1990
U071	All	August 8, 1990
U072	All	August 8, 1990
U073	All	August 8, 1990
U074	All	August 8, 1990
U075	All	August 8, 1990
U076	All	August 8, 1990
U077	All	August 8, 1990
U078	All	August 8, 1990
U079	All	August 8, 1990
U080	All	August 8, 1990
U081	All	August 8, 1990
U082	All	August 8, 1990
U083	All	August 8, 1990
U084	All	August 8, 1990
U085	All	August 8, 1990
U086	All	August 8, 1990
U087	All	June 8, 1989
U088	All	June 8, 1989

U089	All	August 8, 1990
U090	All	August 8, 1990
U091	All	August 8, 1990
U092	All	August 8, 1990
U093	All	August 8, 1990
U094	All	August 8, 1990
U095	All	August 8, 1990
U096	All	August 8, 1990
U097	All	August 8, 1990
U098	All	August 8, 1990
U099	All	August 8, 1990
U101	All	August 8, 1990
U102	All	June 8, 1989
U103	All	August 8, 1990
U105	All	August 8, 1990
U106	All	August 8, 1990
U107	All	June 8, 1989
U108	All	August 8, 1990
U109	All	August 8, 1990
U110	All	August 8, 1990
U111	All	August 8, 1990
U112	All	August 8, 1990
U113	All	August 8, 1990
U114	All	August 8, 1990
U115	All	August 8, 1990
U116	All	August 8, 1990
U117	All	August 8, 1990
U118	All	August 8, 1990
U119	All	August 8, 1990
U120	All	August 8, 1990
U121	All	August 8, 1990
U122	All	August 8, 1990
U123	All	August 8, 1990
U124	All	August 8, 1990
U125	All	August 8, 1990
U126	All	August 8, 1990
U127	All	August 8, 1990
U128	All	August 8, 1990
U129	All	August 8, 1990
U130	All	August 8, 1990
U131	All	August 8, 1990
U132	All	August 8, 1990
U133	All	August 8, 1990
		rugust 0, 1990

U135AllAuU136WastewaterAuU136NonwastewaterMU137AllAuU138AllAuU140AllAuU141AllAuU142AllAuU143AllAuU144AllAuU145AllAuU146AllAuU147AllAuU149AllAuU149AllAu	gust 8, 1990
U136 Wastewater Au U136 Nonwastewater M U137 All Au U138 All Au U140 All Au U141 All Au U142 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	gust 8, 1990 gust 8, 1990
U136 Nonwastewater M U137 All Au U138 All Au U140 All Au U141 All Au U142 All Au U143 All Au U143 All Au U143 All Au U144 All Au U145 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	
U137 All Au U138 All Au U140 All Au U141 All Au U142 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	gust 8, 1990
U138 All Au U140 All Au U141 All Au U142 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	lay 8, 1992 gust 8, 1990
U140 All Au U141 All Au U142 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	·
U141 All Au U142 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	gust 8, 1990
U142 All Au U143 All Au U143 All Au U144 All Au U145 All Au U146 All Au U147 All Au U148 All Au U149 All Au	gust 8, 1990
U143AllAuU144AllAuU145AllAuU146AllAuU147AllAuU148AllAuU149AllAu	gust 8, 1990
U144AllAuU145AllAuU146AllAuU147AllAuU148AllAuU149AllAu	gust 8, 1990
U145AllAuU146AllAuU147AllAuU148AllAuU149AllAu	gust 8, 1990
U146AllAuU147AllAuU148AllAuU149AllAu	gust 8, 1990
U147AllAuU148AllAuU149AllAu	gust 8, 1990
U148 All Au U149 All Au	gust 8, 1990
U149 All Au	gust 8, 1990
	gust 8, 1990
UISU AII AII	gust 8, 1990
1282 March 1997 1997 1997 1997 1997 1997 1997 199	gust 8, 1990
	gust 8, 1990
	lay 8, 1992
	gust 8, 1990
A CARLES AND A CARLES A	gust 8, 1990
	gust 8, 1990
1 L L L L L L L L L L L L L L L L L L L	gust 8, 1990
	gust 8, 1990
U176 All Au	gust 8, 1990

U177	All	August 8, 1990
U178	All	August 8, 1990
U179	All	August 8, 1990
U180	All	August 8, 1990
U181	All	August 8, 1990
U182	All	August 8, 1990
U183	All	August 8, 1990
U184	All	August 8, 1990
U185	All	August 8, 1990
U186	All	August 8, 1990
U187	All	August 8, 1990
U188	All	August 8, 1990
U189	All	August 8, 1990
U190	All	June 8, 1989
U191	All	August 8, 1990
U192	All	August 8, 1990
U193	All	August 8, 1990
U194	All	June 8, 1989
U196	All	August 8, 1990
U197	All	August 8, 1990
U200	All	August 8, 1990
U201	All	August 8, 1990
U203	All	August 8, 1990
U204	All	August 8, 1990
U205	All	August 8, 1990
U206	All	August 8, 1990
U207	All	August 8, 1990
U208	All	August 8, 1990
U209	All	August 8, 1990
U210	All	August 8, 1990
U211	All	August 8, 1990
U213	All	August 8, 1990
U214	All	August 8, 1990
U215	All	August 8, 1990
U216	All	August 8, 1990
U217	All	August 8, 1990
U218	All	August 8, 1990
U219	All	August 8, 1990
U220	All	August 8, 1990
U221	All	June 8, 1989
U222	All	August 8, 1990
U223	All	June 8, 1989
U225	All	August 8, 1990
0225	All	August 8, 1990

U226	All	August 8, 1990
U227	All	August 8, 1990
U228	All	August 8, 1990
U234	All	August 8, 1990
U235	All	June 8, 1989
U236	All	August 8, 1990
U237	All	August 8, 1990
U238	All	August 8, 1990
U239	All	August 8, 1990
U240	All	August 8, 1990
U243	All	August 8, 1990
U244	All	August 8, 1990
U246	All	August 8, 1990
U247	All	August 8, 1990
U248	All	August 8, 1990
U249	All	August 8, 1990
U271	Mixed with radioactive wastes	April 8, 1998
U271	All others	July 8, 1996
U277	Mixed with radioactive wastes	April 8, 1998
U277	All others	July 8, 1996
U278	Mixed with radioactive wastes	April 8, 1998
U278	All others	July 8, 1996
U279	Mixed with radioactive wastes	April 8, 1998
U279	All others	July 8, 1996
U280	Mixed with radioactive wastes	April 8, 1998
U280	All others	July 8, 1996
U328	Mixed with radioactive wastes	June 30, 1994
U328	All others	November 9, 1992
U353	Mixed with radioactive wastes	June 30, 1994
U353	All others	November 9, 1992
U359	Mixed with radioactive wastes	June 30, 1994
U359	All others	November 9, 1992
U364	Mixed with radioactive wastes	April 8, 1998
U364	All others	July 8, 1996
U365	Mixed with radioactive wastes	April 8, 1998
U365	All others	July 8, 1996
U366	Mixed with radioactive wastes	April 8, 1998
U366	All others	July 8, 1996
U367	Mixed with radioactive wastes	April 8, 1998
U367	All others	July 8, 1996
U372	Mixed with radioactive wastes	April 8, 1998
U372	All others	July 8, 1996
U373	Mixed with radioactive wastes	April 8, 1998

U373	All others	July 8, 1996
U375	Mixed with radioactive wastes	April 8, 1998
U375	All others	July 8, 1996
U376	Mixed with radioactive wastes	April 8, 1998
U376	All others	July 8, 1996
U377	Mixed with radioactive wastes	April 8, 1998
U377	All others	July 8, 1996
U378	Mixed with radioactive wastes	April 8, 1998
U378	All others	July 8, 1996
U379	Mixed with radioactive wastes	April 8, 1998
U379	All others	July 8, 1996
U381	Mixed with radioactive wastes	April 8, 1998
U381	All others	July 8, 1996
U382	Mixed with radioactive wastes	April 8, 1998
U382	All others	July 8, 1996
U383	Mixed with radioactive wastes	April 8, 1998
U383	All others	July 8, 1996
U384	Mixed with radioactive wastes	April 8, 1998
U384	All others	July 8, 1996
U385	Mixed with radioactive wastes	April 8, 1998
U385	All others	July 8, 1996
U386	Mixed with radioactive wastes	April 8, 1998
U386	All others	July 8, 1996
U387	Mixed with radioactive wastes	April 8, 1998
U387	All others	July 8, 1996
U389	Mixed with radioactive wastes	April 8, 1998
U389	All others	July 8, 1996
U390	Mixed with radioactive wastes	April 8, 1998
U390	All others	July 8, 1996
U391	Mixed with radioactive wastes	April 8, 1998
U391	All others	July 8, 1996
U392	Mixed with radioactive wastes	April 8, 1998
U392	All others	July 8, 1996
U393	Mixed with radioactive wastes	April 8, 1998
U393	All others	July 8, 1996
U394	Mixed with radioactive wastes	April 8, 1998
U394	All others	July 8, 1996
U395	Mixed with radioactive wastes	April 8, 1998
U395	All others	July 8, 1996
U396	Mixed with radioactive wastes	April 8, 1998
U396	All others	July 8, 1996
U400	Mixed with radioactive wastes	April 8, 1998
U400	All others	July 8, 1996

	U401	Mixed with radioactive wastes	April 8, 1998		
	U401	All others	July 8, 1996		
	U402	Mixed with radioactive wastes	April 8, 1998		
	U402	All others	July 8, 1996		
	U403	Mixed with radioactive wastes	April 8, 1998		
	U403	All others	July 8, 1996		
	U404	Mixed with radioactive wastes	April 8, 1998		
	U404	All others	July 8, 1996		
	U407	Mixed with radioactive wastes	April 8, 1998		
	U407	All others	July 8, 1996		
	U409	Mixed with radioactive wastes	April 8, 1998		
	U409	All others	July 8, 1996		
	U410	Mixed with radioactive wastes	April 8, 1998		
	U410	All others	July 8, 1996		
	U411	Mixed with radioactive wastes	April 8, 1998		
	U411	All others	July 8, 1996		
1004					
1005	^a This table also	does not include contaminated soil and debris wastes.			
1006					
1007		was revised in the Third Third Final Rule (adopted by USEPA at 55			
1008	22520 (June 1, 1990), which the Board adopted in docket R90-11 at 15 Ill. Reg. 9462, effective				
1009	June 17, 1991.				
1010					
1011	^c USEPA amended the standard in the Third Third Emergency Rule (at 58 Fed. Reg. 29860				
1012	(May 24, 1993), which the Board adopted in docket R93-16 at 18 Ill. Reg. 6799, effective				
1013	April 26, 1994	4); the original effective date was August 8, 1990.			
1014					
1015	d The standard	was revised in the Phase II Final Rule (that USEPA adopted at 59 F	ed. Reg.		
1016	47982 (Septer	nber 19, 1994), which the Board adopted in docket R95-6 at 19 Ill.	Reg. 9660,		
1017	effective June	27, 1995); the original effective date was August 8, 1990.			
1018					
1019	e The standards	for selected reactive wastes was revised in the Phase III Final Rule	(that USEPA		
1020	adopted at 61	Fed. Reg. 15566 (April 8, 1996), which the Board adopted in dock	et R96-		
1021	10/R97-3/R97	-5 (consolidated) at 22 Ill. Reg. 783, effective December 16, 1997)	; the original		
1022	effective date	was August 8, 1990.			
1023					
1024		TABLE 2			
1025	SUMM	ARY OF EFFECTIVE DATES OF LAND DISPOSAL RESTRICT	TIONS		
1026		FOR CONTAMINATED SOIL AND DEBRIS (CSD)			
1027					
	Restricted haza	rdous waste in CSD	Effective date		
		001-F005) and dioxin-(F020-F023 and F026-F028) containing soil	November 8, 1990		
		from CERCLA response or RCRA corrective actions.	- second of the second		
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	2. Soil and debris not from CERCLA response or RCRA corrective actions contaminated with less than one percent total solvents (F001-F005) or dioxins (F020-F023 and F026-F028).	November 8, 1988
	 All soil and debris contaminated with First Third wastes for which treatment standards are based on incineration. 	August 8, 1990
	 All soil and debris contaminated with Second Third wastes for which treatment standards are based on incineration. 	June 8, 1991
	5. All soil and debris contaminated with Third Third wastes or, First or Second Third "soft hammer" wastes that had treatment standards promulgated in the Third Third rule, for which treatment standards are based on incineration, vitrification, or mercury retorting, acid leaching followed by chemical precipitation, or thermal recovery of metals, as well as all inorganic solids debris contaminated with D004-D011 wastes, and all soil and debris contaminated with mixed RCRA/radioactive wastes.	May 8, 1992
	 Soil and debris contaminated with D012-D043, K141-K145, and K147-151 wastes. 	December 19, 1994
	 Debris (only) contaminated with F037, F038, K107-K112, K117, K118, K123-K126, K131, K132, K136, U328, U353, U359. 	December 19, 1994
	 Soil and debris contaminated with K156- K161, P127, P128, P188-P192, P194, P196- P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. 	July 8, 1996
	9. Soil and debris contaminated with K088 wastes.	October 8, 1997
	 Soil and debris contaminated with radioactive wastes mixed with K088, K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389- U396, U400-U404, U407, and U409-U411 wastes. 	April 8, 1998
	11. Soil and debris contaminated with F032, F034, and F035.	May 12, 1997
	 Soil and debris contaminated with newly identified D004-D011 toxicity characteristic wastes and mineral processing wastes. 	August 24, 1998
	 Soil and debris contaminated with mixed radioactive newly identified D011 characteristic wastes and mineral processing wastes. 	May 26, 2000
1028		
1029 1030	BOARD NOTE: These tables are provided for the convenience of the reader.	
1031	(Source: Amended at 40 Ill. Reg, effective)	

1033 1034	Section 728.	TABLE C Technology Codes and Description of Technology-Based Standards
1035	Technology	
1036	Code	Description of Technology-Based Standard
1037	cout	Description of Technology Dubed Standard
1038	ADGAS	Venting of compressed gases into an absorbing or reacting media (i.e., solid or
1039	in on s	liquid) – venting can be accomplished through physical release utilizing valves or
1040		piping; physical penetration of the container; or penetration through detonation.
1041		piping, physical peneration of the container, of peneration anough accontaion.
1042	AMLGM	Amalgamation of liquid, elemental mercury contaminated with radioactive
1043		materials utilizing inorganic reagents such as copper, zinc, nickel, gold, and sulfur
1044		that result in a nonliquid, semi-solid amalgam and thereby reducing potential
1045		emissions of elemental mercury vapors to the air.
1046		
1047	BIODG	Biodegradation of organics or non-metallic inorganics (i.e., degradable inorganics
1048		that contain the elements of phosphorus, nitrogen, and sulfur) in units operated
1049		under either aerobic or anaerobic conditions such that a surrogate compound or
1050		indicator parameter has been substantially reduced in concentration in the
1051		residuals (e.g., total organic carbon (TOC) can often be used as an indicator
1052		parameter for the biodegradation of many organic constituents that cannot be
1053		directly analyzed in wastewater residues).
1054		
1055	CARBN	Carbon adsorption (granulated or powdered) of non-metallic inorganics, organo-
1056		metallics, or organic constituents, operated so that a surrogate compound or
1057		indicator parameter has not undergone breakthrough (e.g., total organic carbon
1058		(TOC) can often be used as an indicator parameter for the adsorption of many
1059		organic constituents that cannot be directly analyzed in wastewater residues).
1060		Breakthrough occurs when the carbon has become saturated with the constituent
1061		(or indicator parameter) and substantial change in adsorption rate associated with
1062		that constituent occurs.
1063		
1064	CHOXD	Chemical or electrolytic oxidation utilizing the following oxidation reagents (or
1065		waste reagents) or combinations or reagents:
1066		
1067		1) hypochlorite (e.g., bleach);
1068		
1069		2) chlorine;
1070		
1071		 chlorine dioxide;
1072		
1073		 ozone or UV (ultraviolet light) assisted ozone;
1074		
1075		5) peroxides;

1076 6) persulfates; 1077 6) persulfates; 1078 7) perchlorates; 1080 8) permanganates; or 1081 8) permanganates; or 1083 9) other oxidizing reagents of equivalent efficiency, performed in units operated so that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the oxidation of many organic constituents that cannot be directly analyzed in wastewater residues). Chemical oxidation specifically includes what is commonly referred to as alkaline chlorination. 1090 CHRED Chemical reduction utilizing the following reducing reagents (or waste reagents) or combinations of reagents: 1091 Other educing in polyethylene glycols (e.g., NaPEG and KPEG); 1096 2) sodium, potassium, or alkali salts of sulfites, bisulfites, metabisulfites, and polyethylene glycols (e.g., NaPEG and KPEG); 1099 3) sodium hydrosulfide; 1001 4) ferrous salts; or 102 5) other reducing reagents of equivalent efficiency, performed in units operated such that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic halogens (TOX) can often be used as an indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic halogens (TOX) can often be used as an indicator parameter has been substantially reduced in concentr				
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1115operated in accordance with applicable technical operating requirements; and1116certain non-combustive technologies, such as the Catalytic Extraction Process.				
1116 certain non-combustive technologies, such as the Catalytic Extraction Process.				

1118 1119	DEACT	Deactivation to remove the hazardous characteristics of a waste due to its ignitability, corrosivity, or reactivity.
1120		
1121	FSUBS	Fuel substitution in units operated in accordance with applicable technical
1122		operating requirements.
1123		
1124	HLVIT	Vitrification of high-level mixed radioactive wastes in units in compliance with
1125		all applicable radioactive protection requirements under control of the federal
1126		Nuclear Regulatory Commission.
1127		
1128	IMERC	Incineration of wastes containing organics and mercury in units operated in
1129		accordance with the technical operating requirements of Subpart O of 35 Ill. Adm.
1130		Code 724 or Subpart O of 35 Ill. Adm. Code 725. All wastewater and
1131		nonwastewater residues derived from this process must then comply with the
1132		corresponding treatment standards per waste code with consideration of any
1133		applicable subcategories (e.g., high or low mercury subcategories).
1134		apprication care and general (a.g., inght of 10 in morearly baceanegories).
1135	INCIN	Incineration in units operated in accordance with the technical operating
1136	n,en,	requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm.
1137		Code 725.
1138		0000 725.
1139	LLEXT	Liquid-liquid extraction (often referred to as solvent extraction) of organics from
1140	DEDIT	liquid wastes into an immiscible solvent for which the hazardous constituents
1141		have a greater solvent affinity, resulting in an extract high in organics that must
1142		undergo either incineration, reuse as a fuel, or other recovery or reuse and a
1143		raffinate (extracted liquid waste) proportionately low in organics that must
1144		undergo further treatment as specified in the standard.
1145		undergo further d'edition as specified in the standard.
1146	MACRO	Macroencapsulation with surface coating materials such as polymeric organics
1147	Millento	(e.g., resins and plastics) or with a jacket of inert inorganic materials to
1148		substantially reduce surface exposure to potential leaching media.
1149		Macroencapsulation specifically does not include any material that would be
1150		classified as a tank or container according to 35 Ill. Adm. Code 720.110.
1151		classified as a tank of container according to 55 m. Adm. Code 720.110.
1152	NEUTR	Neutralization with the following reagents (or waste reagents) or combinations of
1153	NLOIR	reagents:
1154		reagents.
1155		1) acids;
1156		1) acids,
1150		2) bases; or
1157		2) bases; or
1158		2) water (including westerwaters) regulting in a nU greater then two but less
		3) water (including wastewaters) resulting in a pH greater than two but less
1160		than 12.5 as measured in the aqueous residuals.

1161		
1162	NLDBR	No land disposal based on recycling.
1163		
1164	POLYM	Formation of complex high-molecular weight solids through polymerization of
1165		monomers in high-TOC D001 nonwastewaters that are chemical components in
1166		the manufacture of plastics.
1167		
1168	PRECP	Chemical precipitation of metals and other inorganics as insoluble precipitates of
1169		oxides, hydroxides, carbonates, sulfides, sulfates, chlorides, fluorides, or
1170		phosphates. The following reagents (or waste reagents) are typically used alone or
1171		in combination:
1172		
1173		1) lime (i.e., containing oxides or hydroxides of calcium or magnesium);
1174		
1175		 caustic (i.e., sodium or potassium hydroxides);
1176		
1177		3) soda ash (i.e., sodium carbonate);
1178		
1179		4) sodium sulfide;
1180		
1181		5) ferric sulfate or ferric chloride;
1182		
1183		6) alum; or
1184		s)
1185		7) sodium sulfate. Additional flocculating, coagulation, or similar reagents
1186		or processes that enhance sludge dewatering characteristics are not
1187		precluded from use.
1188		
1189	RBERY	Thermal recovery of beryllium.
1190		
1191	RCGAS	Recovery or reuse of compressed gases including techniques such as reprocessing
1192		of the gases for reuse or resale; filtering or adsorption of impurities; remixing for
1193		direct reuse or resale; and use of the gas as a fuel source.
1194		
1195	RCORR	Recovery of acids or bases utilizing one or more of the following recovery
1196	noonat	technologies:
1197		teennore grees.
1198		1) distillation (i.e., thermal concentration);
1199		r) alstination (i.e., mornial concentration),
1200		2) ion exchange;
1200		2) Ion exchange,
1201		3) resin or solid adsorption;
1202		57 Teshi or sond desorption,
1205		

4) reverse osmosis; or	
5) incineration for the recovery of acid	
Note: this does not preclude the use of other physical phase separation	or
concentration techniques such as decantation, filtration (including ultrat	
and centrifugation, when used in conjunction with the above listed reco	
technologies.	iony
RLEAD Thermal recovery of lead in secondary lead smelters.	
RMERC Retorting or roasting in a thermal processing unit capable of volatilizing	mercury
and subsequently condensing the volatilized mercury for recovery. The	
or roasting unit (or facility) must be subject to one or more of the follow	
of founding unit (of funnity) must be subject to one of more of the fonot	ing.
a) A federal national emissions standard for hazardous air pollutan	ts
(NESHAP) for mercury (subpart E of 40 CFR 61);	
b) A best available control technology (BACT) or a lowest achieva	ible
emission rate (LAER) standard for mercury imposed pursuant to	
prevention of significant deterioration (PSD) permit (including 2	35 III.
Adm. Code 201 through 203); or	
c) A state permit that establishes emission limitations (within mean	-
Section 302 of the Clean Air Act) for mercury, including a perm pursuant to 35 Ill. Adm. Code 201. All wastewater and nonwast	
residues derived from this process must then comply with the	ewaler
corresponding treatment standards per waste code with consider	ation of
any applicable subcategories (e.g., high or low mercury subcate	
any approace succategories (e.g., high of low mercury succate	gomes).
RMETL Recovery of metals or inorganics utilizing one or more of the following	direct
physical or removal technologies:	
1) ion exchange;	
 resin or solid (i.e., zeolites) adsorption; 	
3) reverse osmosis;	
() helding an enhanced and ender	
4) chelation or solvent extraction;	
5) freeze crystallization;	
5) neeze erystanization,	

1247		6) ultrafiltration; or	
1248			
1249		7) simple precipitation (i.e., crystallization)	
1250			
1251		Note: this does not preclude the use of other physical phase separation	
1252		concentration techniques such as decantation, filtration (including ultr	
1253		and centrifugation, when used in conjunction with the above listed rec	overy
1254		technologies.	
1255	and a second second		6. i
1256 1257	RORGS	Recovery of organics utilizing one or more of the following technolog	ies:
1258		1) Distillation;	
1259			
1260		2) thin film evaporation;	
1261			
1262		3) steam stripping;	
1263		<i>y</i> 11 0	
1264		4) carbon adsorption;	
1265			
1266		5) critical fluid extraction;	
1267			
1268		6) liquid-liquid extraction;	
1269			
1270		7) precipitation or crystallization (including freeze crystallization); or
1271			17.11
1272		8) chemical phase separation techniques (i.e., addition of acids, b	ases,
1273		demulsifiers, or similar chemicals).	
1274			
1275		Note: This does not preclude the use of other physical phase separation	on
1276		techniques such as decantation, filtration (including ultrafiltration), an	d
1277		centrifugation, when used in conjunction with the above listed recover	ry
1278		technologies.	
1279			
1280	RTHRM	Thermal recovery of metals or inorganics from nonwastewaters in uni	ts defined as
1281		cement kilns, blast furnaces, smelting, melting and refining furnaces,	combustion
1282		devices used to recover sulfur values from spent sulfuric acid and "oth	ner devices"
1283		determined by the Agency pursuant to 35 Ill. Adm. Code 720.110, the	definition
1284		of "industrial furnace."	
1285			
1286	RZINC	Resmelting in high temperature metal recovery units for the purpose of	of recovery
1287		of zinc.	
1288			

1289 1290	STABL	Stabilization with the following reagents (or waste reagents) or combinations of reagents:
1291 1292		1) Portland cement; or
1293 1294 1295 1296 1297		2) lime or pozzolans (e.g., fly ash and cement kiln dust) – this does not preclude the addition of reagents (e.g., iron salts, silicates, and clays) designed to enhance the set or cure time or compressive strength, or to overall reduce the leachability of the metal or inorganic.
1298		
1299 1300 1301 1302 1303 1304 1305 1306 1307 1308	SSTRP	Steam stripping of organics from liquid wastes utilizing direct application of steam to the wastes operated such that liquid and vapor flow rates, as well as temperature and pressure ranges, have been optimized, monitored, and maintained. These operating parameters are dependent upon the design parameters of the unit, such as, the number of separation stages and the internal column design. Thus resulting in a condensed extract high in organics that must undergo either incineration, reuse as a fuel, or other recovery or reuse and an extracted wastewater that must undergo further treatment as specified in the standard.
1309 1310 1311 1312 1313 1314	WETOX	Wet air oxidation performed in units operated such that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the oxidation of many organic constituents that cannot be directly analyzed in wastewater residues).
1315 1316 1317 1318 1319	WTRRX	Controlled reaction with water for highly reactive inorganic or organic chemicals with precautionary controls for protection of workers from potential violent reactions as well as precautionary controls for potential emissions of toxic or ignitable levels of gases released during the reaction.
1319 1320 1321 1322 1323 1324 1325	Note 1:	When a combination of these technologies (i.e., a treatment train) is specified as a single treatment standard, the order of application is specified in Table T to this Part by indicating the five letter technology code that must be applied first, then the designation "fb." (an abbreviation for "followed by"), then the five letter technology code for the technology that must be applied next, and so on.
1326 1327 1328 1329 1330 1331	Note 2:	When more than one technology (or treatment train) are specified as alternative treatment standards, the five letter technology codes (or the treatment trains) are separated by a semicolon (;) with the last technology preceded by the word "OR." This indicates that any one of these BDAT technologies or treatment trains can be used for compliance with the standard.

1332	BOARD NOTE: Derived from Table <u>14</u> in 40 CFR 268.42 (2015)(2007).
1333	
1334	(Source: Amended at 40 Ill. Reg., effective)
1335	

		and the second second	
Note: The treatment standar		ed in tables in Sections	728.141, 728.142,
and 728.143 have been conse	olidated into this table.		
Waste Code			
Waste Code			
Waste Description and Treat	ment or Regulatory Subca	ategory ¹	
Regulated Hazardous Cons	tituent	Wastewaters	Nonwastewaters Concentration ⁵ i
Common Name	CAS ² Number	Concentration ³ in mg/ℓ ; or	mg/kg unless no as "mg/l TCLP' or Technology
Common Name	CAS ⁻ Number	Technology Code ⁴	Code ⁴
D001 ⁹			
Ignitable Characteristic Was	tes, except for the 35 Ill.	Adm. Code 721.121(a)(1) High TOC
Subcategory.			
NA	NA	DEACT and meet Section 728.148 standards ⁸ ; or RORGS; or CMBST	DEACT and me Section 728.148 standards ⁸ ; or RORGS; or CMBST
D001 ⁹			
D001			
High TOC Ignitable Charact 721.121(a)(1) – Greater thar		• • • • • • • • • • • • • • • • • • •	n. Code
(Note: This subcategory con	sists of nonwastewaters of	only.)	
	NA	NA	RORGS; CMB or POLYM
NA			ULI ULI IM
			or rob rm
NA D002 ⁹			UT OL TM
			or robin

		30/110330720	1001011101
NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
D002, D004, D005, D006, I	0007 0008 0009 001	0 D011	
0002, D00 4 , D005, D000, I	0007, D008, D009, D01	0, D011	
Radioactive high level waste	es generated during the	reprocessing of fuel rods.	
0	0	1	
Note: This subcategory con	nsists of nonwastewaters	s only.)	
Corrosivity (pH)	NA	NA	HLVIT
Arsenic	7440-38-2	NA	HLVIT
Barium	7440-39-3	NA	HLVIT
Cadmium	7440-43-9	NA	HLVIT
Chromium (Total)	7440-47-3	NA	HLVIT
Lead	7439-92-1	NA	HLVIT
Mercury	7439-97-6	NA	HLVIT
Selenium	7782-49-2	NA	HLVIT
Silver	7440-22-4	NA	HLVIT
D003 ⁹			
Reactive Sulfides Subcatego	ory based on 35 Ill. Adm	n. Code 721.123(a)(5).	
NA	NA	DEACT	DEACT
D003 ⁹			
	i - in an i shi a shi	an and a state of the	
Explosive subcategory base	d on 35 Ill. Adm. Code '	721.123(a)(6), (a)(7), and	(a)(8).
NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
D003 ⁹			
Unexploded ordnance and o	ther explosive devices t	hat have been the subject	of an emergency
response.	and the second	and the set of the	Selection Sector
NA	NA	DEACT	DEACT
D003 ⁹			
7			

			JCAR350728	-1604611r01
1390	Other Reactives Subcategory b	oased on 35 Ill. Adm.	Code 721.123(a)(1).	
1391	NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
1392	Concerning and the second s			
1393	D003 ⁹			
1394				
1395	Water Reactive Subcategory b	ased on 35 Ill. Adm.	Code 721.123(a)(2), (a)(3), and (a)(4).
1396				
1397	(Note: This subcategory consi	sts of nonwastewaters	s only.)	
1398				
	NA	NA	NA	DEACT and meet Section 728.148 standards ⁸
1399				
1400	D003 ⁹			
1401				
1402	Reactive Cyanides Subcategor	y based on 35 Ill. Adu	m. Code 721.123(a)(5).	
1403				
	Cyanides (Total) ⁷	57-12-5	-	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1404	, , , , , , , , , , , , , , , , , , ,			
1405	D004 ⁹			
1406				
1407	Wastes that exhibit, or are exp	ected to exhibit the c	haracteristic of toxicity for	or arsenic based on
1408	Method 1311 (Toxicity Charac			
1409	Evaluating Solid Waste, Physi			
1410	EPA-530/SW-846, incorporate			
1411	Diff boord in one, meerporan			.).
	Arsenic	7440-38-2	1.4 and meet Section 728.148 standards ⁸	5.0 mg/ℓ TCLP and meet Section 728.148 standards ⁸
1412	D0059			
1413	D005 ⁹			
1414				and a state of the
1415	Wastes that exhibit, or are exp			
1416	Method 1311 (Toxicity Charac			
	Evaluating Solid Waste, Physi	cal/Chemical Method	ls," USEPA publication n	
1417				
	EPA-530/SW-846, incorporate	ed by reference in 35	Ill. Adm. Code 720.111(a	ı).

21 mg/l TCLP and Barium 7440-39-3 1.2 and meet meet Section Section 728.148 standards⁸ 728.148 standards8 1420 D0069 1421 1422 1423 Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for 1424 1425 Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number 1426 EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a). 1427 Cadmium 7440-43-9 0.69 and meet 0.11 mg/l TCLP Section 728.148 and meet Section standards⁸ 728.148 standards8 1428 D0069 1429 1430 1431 Cadmium-Containing Batteries Subcategory. 1432 1433 (Note: This subcategory consists of nonwastewaters only.) 1434 Cadmium 7440-43-9 NA RTHRM 1435 D0069 1436 1437 1438 Radioactively contaminated cadmium-containing batteries. 1439 1440 (Note: This subcategory consists of nonwastewaters only.) 1441 Cadmium 7440-43-9 NA Macroencapsulation in accordance with Section 728.145 1442 D007⁹ 1443 1444 1445 Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based 1446 on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for 1447 Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number 1448 EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a). 1449 7440-47-3 Chromium (Total) 2.77 and meet 0.60 mg/l TCLP Section 728.148 and meet Section standards⁸ 728,148 standards8

1450				
1450	D008 ⁹			
1451	D008			
1452	We start that such that	and a second second state of the second		Con load based on
1453		re expected to exhibit, the cl		
1454		Characteristic Leaching Prod		
1455	•	Physical/Chemical Methods	· · · · · · · · · · · · · · · · · · ·	
1456	EPA-530/SW-846, inco	rporated by reference in 35 I	II. Adm. Code 720.111(a).
1457		7420.00.1	0.00 1	0.75 /0 TOLD
	Lead	7439-92-1	0.69 and meet Section 728.148 standards ⁸	0.75 mg/l TCLP and meet Section 728.148 standards ⁸
1458				
1459	D008 ⁹			
1460				
1461	Lead Acid Batteries Sub	ocategory		
1462				
1463	(Note: This standard on	ly applies to lead acid batter	ries that are identified as	RCRA hazardous
1464	•	excluded elsewhere from reg		
1465		der other regulations (see 3		-
1466	consists of nonwastewat			
1467		,,		
	Lead	7439-92-1	NA	RLEAD
1468				
1469	D008 ⁹			
1470				
1471	Radioactive Lead Solids	s Subcategory		
1472		6-,		
1473	(Note: These lead solid	s include, but are not limited	to, all forms of lead shi	ielding and other
1474		. These lead solids do not ind		
1475		er treatment residuals, or inc		
1476	•	, nor do they include organo		
1477	÷	ubcategory consists of nonw		
1478				
	Lead	7439-92-1	NA	MACRO
1479				
1480	D009 ⁹			
1481	2007			
1482	Nonwastewaters that ex	hibit, or are expected to exhi	ibit, the characteristic of	toxicity for mercury
1483		(Toxicity Characteristic Lead	the second s	
1484		aste, Physical/Chemical Met		
1485		rporated by reference in 35		
1486		260 mg/kg total mercury that		
1480		igh Mercury-Organic Subcat		
1407	memerator residues. (II	ign mereary organic outea		

1488				
	Mercury	7439-97-6	NA	IMERC; or RMERC
1489	10.000			
1490	D009 ⁹			
1491				
1492		the second se		istic of toxicity for mercury
1493	based on Method 1311 (To			
1494	for Evaluating Solid Waste			
1495	EPA-530/SW-846, incorpo			
1496	greater than or equal to 260		U	e
1497	residues and residues from	RMERC. (High Mercury	-Inorganic Subca	ategory)
1498				
1.100	Mercury	7439-97-6	NA	RMERC
1499	D0009			
1500	D009 ⁹			
1501	N		1.2. 1	·
1502				TCL D)) in "Test Methods
1503 1504	based on Method 1311 (To		•	
1504	for Evaluating Solid Waste EPA-530/SW-846, incorpo			
1505	than 260 mg/kg total merce	· · · · · · · · · · · · · · · · · · ·		20.111(a), and contain less
1507	than 200 mg/kg total mere	ury. (Low Mercury Subca	(legory)	
1507	Mercury	7439-97-6	NA	0.20 mg/l TCLP
	mercury	1102 21 0		and meet Section
				728.148 standards ⁸
1508				
1509	D009 ⁹			
1510				
1511	All other nonwastewaters t	that exhibit, or are expected	ed to exhibit, the	characteristic of toxicity for
1512	mercury based on Method			
1513	Methods for Evaluating Sc	olid Waste, Physical/Chen	nical Methods," U	JSEPA publication number
1514	EPA-530/SW-846, incorpo	orated by reference in 351	Ill. Adm. Code 72	20.111(a); and contain less
1515	than 260 mg/kg total merce	ury and that are not residu	ies from RMERC	C. (Low Mercury
1516	Subcategory)			
1517				
	Mercury	7439-97-6	NA	0.025 mg/l TCLP
				and meet Section
				728.148 standards ⁸
1518				
1519	D009 ⁹			
1520				
1521	All D009 wastewaters.			

1522					
	Mercury	7	439-97-6	0.15 and meet Section 728.148 standards ⁸	NA
1523					
1524	D009 ⁹				
1525					
1526	Elemental mercury	y contaminated with	radioactive m	aterials.	
1527					
1528	(Note: This subca	tegory consists of no	nwastewaters	s only.)	
1529		den seren e se			
	Mercury	7	439-97-6	NA	AMLGM
1530					
1531	D009 ⁹				
1532					
1533	Hydraulic oil cont	aminated with Merci	ary Radioacti	ve Materials Subcates	gory.
1534					
1535	(Note: This subca	tegory consists of no	nwastewaters	s only.)	
1536					
	Mercury	7	439-97-6	NA	IMERC
1537					
1538	D009 ⁹				
1539					
1540	Radioactively con	taminated mercury-c	ontaining bat	teries.	
1541					
1542	(Note: This subca	tegory consists of no	nwastewaters	s only.)	
1543					
	Mercury	7439-97-6	N	A	Macroencapsulation in accordance with Section 728.145
1544	1000				
1545	D010 ⁹				
1546					
1547		· · · · · · · · · · · · · · · · · · ·			ty for selenium based
1548			· · · · · · · · · · · · · · · · · · ·	Procedure (TCLP)) in	
1549				s," USEPA publication	
1550	EPA-530/SW-846	, incorporated by ref	erence in 35	Ill. Adm. Code 720.1	11(a).
1551					
	Selenium	7	782-49-2	0.82 and meet Section 728.148 standards ⁸	5.7 mg/ℓ TCLP and meet Section 728.148 standards ⁸
1552					
1553	D011 ⁹				

EPA-530/SW-8	46, incorporated by r	eference in 35 I	ll. Adm. Code 72	0.111(a).
Silver		7440-22-4	0.43	0.14 mg/ℓ TCLP and meet Section 728.148 standards
D011 ⁹				
Radioactively co	ontaminated silver-co	ontaining batteri	es.	
(Note: This sub	category consists of	nonwastewaters	only.)	
				Statute States
Silver	7440-22-4	NA		acroencapsulation in
				cordance with
			Se	ction 728.145
D0109				
D012 ⁹				
XX7	TO C 1: 1 - 1	NC 41 1121		
	It for endrin based	on Method 131	I I OVICITY I hara	
Procedure (TCL	P)) in "Test Methods	s for Evaluating	Solid Waste, Phy	sical/Chemical Methods,"
Procedure (TCI USEPA publica	P)) in "Test Methods	s for Evaluating	Solid Waste, Phy	e e e e e e e e e e e e e e e e e e e
Procedure (TCL	P)) in "Test Methods	s for Evaluating	Solid Waste, Phy	sical/Chemical Methods,"
Procedure (TCL USEPA publica 720.111(a).	P)) in "Test Methods	s for Evaluating 0/SW-846, inco	Solid Waste, Phy prporated by refer	ysical/Chemical Methods," ence in 35 Ill. Adm. Code
Procedure (TCI USEPA publica	P)) in "Test Methods	s for Evaluating	Solid Waste, Phy prporated by refer BIODG; or	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet
Procedure (TCL USEPA publica 720.111(a).	P)) in "Test Methods	s for Evaluating 0/SW-846, inco	Solid Waste, Phy prporated by refer	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148
Procedure (TCL USEPA publica 720.111(a). Endrin	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco 72-20-8	Solid Waste, Phy prporated by refer BIODG; or CMBST	vsical/Chemical Methods," ence in 35 III. Adm. Code 0.13 and meet Section 728.148 standards ⁸
Procedure (TCL USEPA publica 720.111(a).	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco	Solid Waste, Phy orporated by refer BIODG; or CMBST BIODG; or	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet
Procedure (TCL USEPA publica 720.111(a). Endrin	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco 72-20-8	Solid Waste, Phy prporated by refer BIODG; or CMBST	vsical/Chemical Methods," ence in 35 III. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148
Procedure (TCL USEPA publica 720.111(a). Endrin	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco 72-20-8	Solid Waste, Phy orporated by refer BIODG; or CMBST BIODG; or	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet
Procedure (TCL USEPA publica 720.111(a). Endrin Endrin aldehyd	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco 72-20-8	Solid Waste, Phy orporated by refer BIODG; or CMBST BIODG; or	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148
Procedure (TCL USEPA publica 720.111(a). Endrin	.P)) in "Test Methods tion number EPA-53	s for Evaluating 0/SW-846, inco 72-20-8	Solid Waste, Phy orporated by refer BIODG; or CMBST BIODG; or	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148
Procedure (TCL USEPA publica 720.111(a). Endrin Endrin aldehyd D013 ⁹	.P)) in "Test Methods tion number EPA-53 de	s for Evaluating 0/SW-846, inco 72-20-8 7421-93-4	Solid Waste, Phy prporated by refer BIODG; or CMBST BIODG; or CMBST	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148 standards ⁸
Procedure (TCL USEPA publica 720.111(a). Endrin Endrin aldehyd D013 ⁹ Wastes that are	.P)) in "Test Methods tion number EPA-53 de TC for lindane based	s for Evaluating 0/SW-846, inco 72-20-8 7421-93-4	Solid Waste, Phy prporated by refer BIODG; or CMBST BIODG; or CMBST	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148 standards ⁸
Procedure (TCL USEPA publica 720.111(a). Endrin Endrin aldehyd D013 ⁹ Wastes that are Procedure (TCL	.P)) in "Test Methods tion number EPA-53 de TC for lindane based .P)) in "Test Methods	s for Evaluating 0/SW-846, inco 72-20-8 7421-93-4 I on Method 131 s for Evaluating	Solid Waste, Phy prporated by refer BIODG; or CMBST BIODG; or CMBST	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148 standards ⁸
Procedure (TCL USEPA publica 720.111(a). Endrin Endrin aldehyd D013 ⁹ Wastes that are Procedure (TCL	.P)) in "Test Methods tion number EPA-53 de TC for lindane based .P)) in "Test Methods	s for Evaluating 0/SW-846, inco 72-20-8 7421-93-4 I on Method 131 s for Evaluating	Solid Waste, Phy prporated by refer BIODG; or CMBST BIODG; or CMBST	vsical/Chemical Methods," ence in 35 Ill. Adm. Code 0.13 and meet Section 728.148 standards ⁸ 0.13 and meet Section 728.148 standards ⁸ standards ⁸

1582

	α-BHC	319-84-6	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
	β-ВНС	319-85-7	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
	δ-ВНС	319-86-8	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
	γ-BHC (Lindane)	58-89-9	CARBN; or CMBST	0.066 and meet Section 728.148 standards ⁸
1583 1584 1585	D014 ⁹			
1586	Wastes that are TC for meth	oxychlor based on Meth	od 1311 (Toxicity Ch	aracteristic Leaching
1587	Procedure (TCLP)) in "Test			
1588	USEPA publication number			
1589	720.111(a).	LI A-550/5 W-040, met	siporated by reference	III 55 III. Adill. Code
1590	720.111(a).			
1550	Methoxychlor	72-43-5	WETOX or CMBST	0.18 and meet Section 728.148 standards ⁸
1591				binnin ub
1592	D015 ⁹			
1593	D015			
1595	Wastes that are TC for toxa	nhana basad on Mathod	1311 (Tovicity Chara	staristic Leaching
1594	Procedure (TCLP)) in "Test			-
1595	USEPA publication number	the second se	the second and the second and the second secon	A second s
		EFA-350/5 w-640, mo	orporated by reference	III 55 III. Adili. Code
1597	720.111(a).			
1598	Transland	9001 25 2	BIODG or	26
	Toxaphene	8001-35-2		2.6 and meet
			CMBST	Section 728.148
1500				standards ⁸
1599	Date			
1600	D016 ⁹			
1601		~ ~		(1 1 1 1 1 1 m 1 1
1602	Wastes that are TC for 2,4-1			
1603	Characteristic Leaching Pro			
1604	Physical/Chemical Methods		umber EPA-530/SW-	846, incorporated by
1605	reference in 35 Ill. Adm. Co	ode 720.111(a).		
1606				

	2,4-D (2,4- dichlorophenoxyacetic acid)	94-75-7	CHOXD; BIODG; or CMBST	10 and meet Section 728.148 standards ⁸
1607				
1608	D017 ⁹			
1609				
1610	Wastes that are TC for 2,4,5-TP (Silvex) based on I	Method 1311 (Toxicity Ch	aracteristic
1611	Leaching Procedure (TCLP)) in "		and the second sec	
1612	Methods," USEPA publication nu			
1613	Adm. Code 720.111(a).			
1614				
	2,4,5-TP (Silvex)	93-72-1	CHOXD or CMBST	7.9 and meet Section 728.14 standards ⁸
1615				standards
1615	D018 ⁹			
1617	D018			
1618	Wastes that are TC for benzene b	ased on Method 1	211 (Toyicity Characterist	tic Leaching
1619	Procedure (TCLP)) in "Test Meth			
1019	FIOLEDINE LIVIE IT III TESLIVIEU	IUMS IOF EVALUATION	g sonu waste, i nysical/C	HEILING AL MICHNERS
1620				
	USEPA publication number EPA			
1621				the second s
1621	USEPA publication number EPA 720.111(a).	530/SW-846, inc	corporated by reference in	35 Ill. Adm. Code
1621	USEPA publication number EPA		orporated by reference in 0.14 and meet	35 Ill. Adm. Code 10 and meet
1620 1621 1622	USEPA publication number EPA 720.111(a).	530/SW-846, inc	0.14 and meet Section 728.148	35 Ill. Adm. Code 10 and meet Section 728.14
1621 1622	USEPA publication number EPA 720.111(a).	530/SW-846, inc	orporated by reference in 0.14 and meet	35 Ill. Adm. Code 10 and meet
1621 1622 1623	USEPA publication number EPA 720.111(a). Benzene	530/SW-846, inc	0.14 and meet Section 728.148	35 Ill. Adm. Code 10 and meet Section 728.14
1621 1622 1623 1623	USEPA publication number EPA 720.111(a).	530/SW-846, inc	0.14 and meet Section 728.148	35 Ill. Adm. Code 10 and meet Section 728.14
1621 1622 1623 1623 1624 1625	USEPA publication number EPA 720.111(a). Benzene D019 ⁹	-530/SW-846, inc 71-43-2	0.14 and meet Section 728.148 standards ⁸	35 Ill. Adm. Code 10 and meet Section 728.14 standards ⁸
1621 1622 1623 1624 1625 1626	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet	-530/SW-846, inc 71-43-2 trachloride based o	orporated by reference in 0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic
1621 1622 1623 1624 1625 1626 1627	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in '	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for	orporated by reference in 0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemica
1621 1622 1623 1624 1625 1626 1627 1628	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for	orporated by reference in 0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical
1621 1622 1623 1624 1625 1626 1627 1628 1629	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in '	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for	orporated by reference in 0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemica
1621 1622 1623 1624 1625 1626 1627 1628 1629	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a).	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for umber EPA-530/S	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemica eference in 35 Ill.
1621 1622 1623 1624 1625 1626 1627 1628 1629	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for	orporated by reference in 0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical eference in 35 Ill. 6.0 and meet
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a).	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for umber EPA-530/S	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical eference in 35 Ill. 6.0 and meet Section 728.14
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a). Carbon tetrachloride	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for umber EPA-530/S	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemica eference in 35 Ill. 6.0 and meet Section 728.14
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a).	-530/SW-846, inc 71-43-2 trachloride based o 'Test Methods for umber EPA-530/S	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemica eference in 35 Ill. 6.0 and meet Section 728.14
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a). Carbon tetrachloride D020 ⁹	rachloride based o 'Test Methods for umber EPA-530/S 56-23-5	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148 standards ⁸	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical eference in 35 Ill. 6.0 and meet Section 728.14 standards⁸
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a). Carbon tetrachloride D020 ⁹ Wastes that are TC for chlordane	-530/SW-846, inc 71-43-2 Trachloride based of Test Methods for umber EPA-530/S 56-23-5	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148 standards ⁸	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical eference in 35 Ill. 6.0 and meet Section 728.14 standards⁸
1621 1622 1623 1624 1625 1626 1627 1628 1629 1630	USEPA publication number EPA 720.111(a). Benzene D019 ⁹ Wastes that are TC for carbon tet Leaching Procedure (TCLP)) in ' Methods," USEPA publication m Adm. Code 720.111(a). Carbon tetrachloride D020 ⁹	-530/SW-846, inc 71-43-2 Trachloride based of Test Methods for umber EPA-530/S 56-23-5	0.14 and meet Section 728.148 standards ⁸ on Method 1311 (Toxicity Evaluating Solid Waste, F W-846, incorporated by re 0.057 and meet Section 728.148 standards ⁸	 35 Ill. Adm. Code 10 and meet Section 728.14 standards⁸ Characteristic Physical/Chemical eference in 35 Ill. 6.0 and meet Section 728.14 standards⁸ istic Leaching hemical Methods

1638	Chlordane (α and χ isomers)	57-74-9	0.0033 and meet Section 728.148 standards ⁸	0.26 and meet Section 728.148 standards ⁸
1639				
1640	D021 ⁹			
1641				
1642	Wastes that are TC for chloroben:	zene based on Me	thod 1311 (Toxicity Char	acteristic Leaching
1643	Procedure (TCLP)) in "Test Meth	ods for Evaluating	g Solid Waste, Physical/C	Chemical Methods,"
1644	USEPA publication number EPA	-530/SW-846, inc	orporated by reference in	35 Ill. Adm. Code
1645	720.111(a).			
1646				
	Chlorobenzene	108-90-7	0.057 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
1647				
1648	D022 ⁹			
1649		1.		and do the state
1650	Wastes that are TC for chloroform			
1651	Procedure (TCLP)) in "Test Meth			
1652	USEPA publication number EPA	-530/SW-846, inc	orporated by reference in	35 Ill. Adm. Code
1653	720.111(a).			
1654				
	Chloroform	67-66-3	0.046 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
1655				
1656	D023 ⁹			
1657				
1658	Wastes that are TC for o-cresol b	ased on Method 1	311 (Toxicity Characteria	stic Leaching
1659	Procedure (TCLP)) in "Test Meth			
1660	USEPA publication number EPA	-530/SW-846, inc	orporated by reference ir	35 Ill. Adm. Code
1661	720.111(a).			
1662				
	o-Cresol	95-48-7	0.11 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
1663				
1664	D024 ⁹			
1665				
1666	Wastes that are TC for m-cresol l	based on Method 1	311 (Toxicity Character	istic Leaching
1667	Procedure (TCLP)) in "Test Meth			

1667 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"

3	USEPA publication number EPA-5	30/SW-846, incor	porated by reference in	35 Ill. Adm. Code
)	720.111(a).			
)	m-Cresol (difficult to distinguish from p- cresol)	108-39-4	0.77 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
	20259			
2	D025 ⁹			
} 	Wester that are TC for a second has	. J M	1 (Terrister Characteria	the Townshitten of
5	Wastes that are TC for p-cresol bas Procedure (TCLP)) in "Test Method USEPA publication number EPA-5	ds for Evaluating S	Solid Waste, Physical/C	Chemical Methods,"
,	720.111(a).			
			and the second	Lan Street
	p-Cresol (difficult to distinguish from m- cresol)	106-44-5	0.77 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
	D026 ⁹			
	Wastes that are TC for cresols (tota Procedure (TCL P)) in "Test Metho			
	Wastes that are TC for cresols (tota Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a).	ds for Evaluating	Solid Waste, Physical/C	Chemical Methods,'
	Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5	ds for Evaluating	Solid Waste, Physical/C	Chemical Methods,"
	Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations)	ds for Evaluating 3 30/SW-846, incor	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148
	Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol	ds for Evaluating 3 30/SW-846, incor	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148
	Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027 ⁹	ds for Evaluating 3 30/SW-846, incor 1319-77-3	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸
	Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027 ⁹ Wastes that are TC for p-dichlorob	ds for Evaluating 3 30/SW-846, incor 1319-77-3 enzene based on N	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T 	ds for Evaluating 3 30/SW-846, incor 1319-77-3 enzene based on M est Methods for E	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste,	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T Methods," USEPA publication num 	ds for Evaluating 3 30/SW-846, incor 1319-77-3 enzene based on M est Methods for E	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste,	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T 	ds for Evaluating 3 30/SW-846, incor 1319-77-3 enzene based on M est Methods for E	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste,	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T Methods," USEPA publication num 	ds for Evaluating 3 30/SW-846, incor 1319-77-3 enzene based on M est Methods for E	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste, '-846, incorporated by 1 0.090 and meet Section 728.148	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical reference in 35 Ill. 6.0 and meet Section 728.148
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T Methods," USEPA publication num Adm. Code 720.111(a). p-Dichlorobenzene (1,4- 	ds for Evaluating 3 530/SW-846, incor 1319-77-3 enzene based on M est Methods for E- nber EPA-530/SW	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity V valuating Solid Waste, 7-846, incorporated by 1 0.090 and meet	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical reference in 35 Ill. 6.0 and meet
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T Methods," USEPA publication num Adm. Code 720.111(a). p-Dichlorobenzene (1,4- Dichlorobenzene) 	ds for Evaluating 3 530/SW-846, incor 1319-77-3 enzene based on M est Methods for E- nber EPA-530/SW	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste, '-846, incorporated by 1 0.090 and meet Section 728.148	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical reference in 35 Ill. 6.0 and meet Section 728.148
	 Procedure (TCLP)) in "Test Metho USEPA publication number EPA-5 720.111(a). Cresol-mixed isomers (Cresylic acid) (sum of o-, m-, and p-cresol concentrations) D027⁹ Wastes that are TC for p-dichlorob Leaching Procedure (TCLP)) in "T Methods," USEPA publication num Adm. Code 720.111(a). p-Dichlorobenzene (1,4- 	ds for Evaluating 3 530/SW-846, incor 1319-77-3 enzene based on M est Methods for E- nber EPA-530/SW	Solid Waste, Physical/C porated by reference in 0.88 and meet Section 728.148 standards ⁸ Method 1311 (Toxicity 9 valuating Solid Waste, '-846, incorporated by 1 0.090 and meet Section 728.148	Chemical Methods, 35 Ill. Adm. Code 11.2 and meet Section 728.148 standards ⁸ Characteristic Physical/Chemical reference in 35 Ill. 6.0 and meet Section 728.148

1698 1699	Wastes that are TC for 1,2-dichloroethane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical					
1700	Methods," USEPA publicatio		•			
1701	Adm. Code 720.111(a).		·····,·····			
1702						
	1,2-Dichloroethane	107-06-2	0.21 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸		
1703	D0009					
1704	D029 ⁹					
1705				Sector Sector		
1706	Wastes that are TC for 1,1-di	1. The second state of				
1707 1708	Leaching Procedure (TCLP)) Methods," USEPA publicatio		The second se			
1709	Adm. Code 720.111(a).					
1710						
	1,1-Dichloroethylene	75-35-4	0.025 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸		
1711				builden ub		
1712	D030 ⁹					
1713	2000					
1714	Wastes that are TC for 2,4-di	nitrotoluene based on l	Method 1311 (Toxicity (haracteristic		
1715	Leaching Procedure (TCLP))					
1716	Methods," USEPA publicatio		•			
1717	Adm. Code 720.111(a).	in number Drift 550/5	in one, incorporated by i	cicicite in 55 m.		
1718	rum. code /20.111(u).					
	2,4-Dinitrotoluene	121-14-2	0.32 and meet Section 728.148 standards ⁸	140 and meet Section 728.148 standards ⁸		
1719						
1720	D031 ⁹					
1721						
1722	Wastes that are TC for heptad	chlor based on Method	1311 (Toxicity Characte	eristic Leaching		
1723	Procedure (TCLP)) in "Test N	Methods for Evaluating	solid Waste, Physical/C	Chemical Methods,"		
1724	USEPA publication number l					
1725	720.111(a).					
1726						
	Heptachlor	76-44-8	0.0012 and meet Section 728.148 standards ⁸	0.066 and meet Section 728.148 standards ⁸		

			JCAR350728	s-1604611r01
	Heptachlor epoxide	1024-57-3	0.016 and meet Section 728.148 standards ⁸	0.066 and meet Section 728.148 standards ⁸
1727				
1728	D032 ⁹			
729				
1730	Wastes that are TC for hexacl	hlorobenzene based on	Method 1311 (Toxicity	Characteristic
1731	Leaching Procedure (TCLP))			
732	Methods," USEPA publicatio	on number EPA-530/SV	W-846, incorporated by r	eference in 35 Ill.
733	Adm. Code 720.111(a).			
734		100 200	-14.00 C - 14.00 C - 1	
	Hexachlorobenzene	118-74-1	0.055 and meet Section 728.148 standards ⁸	10 and meet Section 728.148 standards ⁸
735				
736	D033 ⁹			
737				
738	Wastes that are TC for hexac	hlorobutadiene based o	on Method 1311 (Toxicit	y Characteristic
739	Leaching Procedure (TCLP))	in "Test Methods for]	Evaluating Solid Waste, I	Physical/Chemical
740	Methods," USEPA publication	on number EPA-530/SV	W-846, incorporated by r	eference in 35 Ill.
1741	Adm. Code 720.111(a).			
1742				
	Hexachlorobutadiene	87-68-3	0.055 and meet Section 728.148 standards ⁸	5.6 and meet Section 728.148 standards ⁸
743				
1744	D034 ⁹			
745				
1746	Wastes that are TC for hexac	hloroethane based on M	Method 1311 (Toxicity C	haracteristic
1747	Leaching Procedure (TCLP))			
1748	Methods," USEPA publication	on number EPA-530/S	W-846, incorporated by r	eference in 35 Ill.
	Adm. Code 720.111(a).			
1749				
1749 1750	Hexachloroethane	67-72-1	0.055 and meet Section 728.148 standards ⁸	30 and meet Section 728.148 standards ⁸
1750 1751		67-72-1	Section 728.148	Section 728.148
1750 1751 1752	Hexachloroethane D035 ⁹	67-72-1	Section 728.148	Section 728.148
750 751 752 753	D035 ⁹		Section 728.148 standards ⁸	Section 728.148 standards ⁸
1750 1751 1752 1753 1754	D035 ⁹ Wastes that are TC for methy	l ethyl ketone based o	Section 728.148 standards ⁸ n Method 1311 (Toxicity	Section 728.148 standards ⁸ Characteristic
1750 1751 1752 1753 1754 1755	D035 ⁹ Wastes that are TC for methy Leaching Procedure (TCLP))	l ethyl ketone based o in "Test Methods for J	Section 728.148 standards ⁸ n Method 1311 (Toxicity Evaluating Solid Waste,	Section 728.148 standards ⁸ Characteristic Physical/Chemical
1750 1751 1752 1753 1754	D035 ⁹ Wastes that are TC for methy	l ethyl ketone based o in "Test Methods for J	Section 728.148 standards ⁸ n Method 1311 (Toxicity Evaluating Solid Waste,	Section 728.148 standards ⁸ Characteristic Physical/Chemical

1758	Madeul adult laters	79 02 2	0.28 1	26
	Methyl ethyl ketone	78-93-3	0.28 and meet Section 728.148 standards ⁸	36 and meet Section 728.148 standards ⁸
1759				
1760	D036 ⁹			
1761				
1762	Wastes that are TC for nitrob	enzene based on Meth	od 1311 (Toxicity Chara	cteristic Leaching
1763	Procedure (TCLP)) in "Test]	Methods for Evaluating	g Solid Waste, Physical/C	Chemical Methods,"
1764	USEPA publication number	EPA-530/SW-846, inc	orporated by reference in	35 Ill. Adm. Code
1765	720.111(a).			
1766				
	Nitrobenzene	98-95-3	0.068 and meet Section 728.148 standards ⁸	14 and meet Section 728.148 standards ⁸
1767				
1768	D037 ⁹			
1769				
1770	Wastes that are TC for penta			
1771	Leaching Procedure (TCLP)			
1772	Methods," USEPA publication	on number EPA-530/S	W-846, incorporated by i	reference in 35 III.
1773	Adm. Code 720.111(a).			
1774	Pentachlorophenol	87-86-5	0.089 and meet	7.4 and meet
	rentaemorophenor	07-00-5	Section 728.148	Section 728.148
			standards ⁸	standards ⁸
1775			Stundards	Standards
1776	D038 ⁹			
1777				
1778	Wastes that are TC for pyrid	ine based on Method 1	311 (Toxicity Characteri	stic Leaching
1779	Procedure (TCLP)) in "Test		· · · · · · · · · · · · · · · · · · ·	-
1780	USEPA publication number	All of the second se	•	
1781	720.111(a).			
1782				
	Pyridine	110-86-1	0.014 and meet Section 728.148 standards ⁸	16 and meet Section 728.148 standards ⁸
1783				
1784	D039 ⁹			
1785				
1786	Wastes that are TC for tetrac	and the second		
1787	Leaching Procedure (TCLP)) in "Test Methods for	Evaluating Solid Waste,	Physical/Chemical

1788 1789 1790	Methods," USEPA publication Adm. Code 720.111(a).	n number EPA-530/S	W-846, incorporated by r	eference in 35 Ill.
	Tetrachloroethylene	127-18-4	0.056 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
1791				
1792	D040 ⁹			
1793				
1794	Wastes that are TC for trichlor	oethylene based on N	Aethod 1311 (Toxicity Cl	naracteristic
1795	Leaching Procedure (TCLP)) i	in "Test Methods for]	Evaluating Solid Waste,	Physical/Chemical
1796	Methods," USEPA publication	number EPA-530/S	W-846, incorporated by r	eference in 35 Ill.
1797	Adm. Code 720.111(a).			
1798				
1500	Trichloroethylene	79-01-6	0.054 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
1799	7 9			
1800	D041 ⁹			
1801		The state of the s		
1802	Wastes that are TC for 2,4,5-tu			
1803	Leaching Procedure (TCLP))			•
1804	Methods," USEPA publication	n number EPA-530/S	W-846, incorporated by r	reference in 35 III.
1805	Adm. Code 720.111(a).			
1806	045 T 11	05.05.4	0.10 1	A
	2,4,5-Trichlorophenol	95-95-4	0.18 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸
1807				
1808	D042 ⁹			
1809				
1810	Wastes that are TC for 2,4,6-tr			
1811	Leaching Procedure (TCLP))	in "Test Methods for	Evaluating Solid Waste,	Physical/Chemical
1812	Methods," USEPA publication	n number EPA-530/S	W-846, incorporated by r	eference in 35 Ill.
1813	Adm. Code 720.111(a).			
1814				
	2,4,6-Trichlorophenol	88-06-2	0.035 and meet Section 728.148 standards ⁸	7.4 and meet Section 728.148 standards ⁸
1815			Contract MD	Startant GD
1816	D043 ⁹			
1817				
1017				

1818 Wastes that are TC for vinyl chloride based on Method 1311 (Toxicity Characteristic Leaching
1819 Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,"
1820 USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code
1821 720.111(a).

1822

1022				
	Vinyl chloride	75-01-4	0.27 and meet Section 728.148 standards ⁸	6.0 and meet Section 728.148 standards ⁸
1823				
1824	F001, F002, F003, F004 & F0	005		
1825				
1826	F001, F002, F003, F004, or F	005 solvent wastes th	at contain any combinati	on of one or more of
1827	the following spent solvents:	acetone, benzene, n-ł	outyl alcohol, carbon disu	alfide, carbon
1828	tetrachloride, chlorinated fluc	rocarbons, chloroben	zene, o-cresol, m-cresol,	p-cresol,
1829	cyclohexanone, o-dichlorober	nzene, 2-ethoxyethand	ol, ethyl acetate, ethyl ber	nzene, ethyl ether,
1830	isobutyl alcohol, methanol, m	ethylene chloride, me	thyl ethyl ketone, methy	l isobutyl ketone,
1001				111 1 110

1831 nitrobenzene, 2-nitropropane, pyridine, tetrachloroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-

1832 trichloroethane, 1,1,2-trichloro-1,2,2-trifluoroethane, trichloroethylene,

1833 trichloromonofluoromethane, or xylenes (except as specifically noted in other subcategories).

1834 See further details of these listings in 35 Ill. Adm. Code 721.131.1835

Acetone	67-64-1	0.28	160
Benzene	71-43-2	0.14	10
n-Butyl alcohol	71-36-3	5.6	2.6
Carbon disulfide	75-15-0	3.8	NA
Carbon tetrachloride	56-23-5	0.057	6.0
Chlorobenzene	108-90-7	0.057	6.0
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from p- cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from m- cresol)			
Cresol-mixed isomers (Cresylic acid)	1319-77-3	0.88	11.2
(sum of o-, m-, and p-cresol concentrations)			
Cyclohexanone	108-94-1	0.36	NA
o-Dichlorobenzene	95-50-1	0.088	6.0
Ethyl acetate	141-78-6	0.34	33
Ethyl benzene	100-41-4	0.057	10
Ethyl ether	60-29-7	0.12	160

Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-	6-1 5.6 9-2 0.089 93-3 0.28 10-1 0.14 95-3 0.068 -86-1 0.014 -18-4 0.056 -88-3 0.080 55-6 0.054 00-5 0.054	170 NA 30 36 33 14 16 6.0 10 6.0
Methylene chloride75-9Methyl ethyl ketone78-9Methyl isobutyl ketone108-9Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-Toluene108-11,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	9-2 0.089 93-3 0.28 •10-1 0.14 95-3 0.068 •86-1 0.014 •18-4 0.056 •88-3 0.080 •5-6 0.054 •0-5 0.054	30 36 33 14 16 6.0 10 6.0
Methyl ethyl ketone78-9Methyl isobutyl ketone108-Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	3-3 0.28 -10-1 0.14 95-3 0.068 -86-1 0.014 -18-4 0.056 -88-3 0.080 55-6 0.054 00-5 0.054	36 33 14 16 6.0 10 6.0
Methyl isobutyl ketone108-Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	10-1 0.14 95-3 0.068 -86-1 0.014 -18-4 0.056 -88-3 0.080 55-6 0.054 00-5 0.054	33 14 16 6.0 10 6.0
Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	95-3 0.068 •86-1 0.014 •18-4 0.056 •88-3 0.080 •5-6 0.054 •0-5 0.054	14 16 6.0 10 6.0
Nitrobenzene98-9Pyridine110-Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	86-1 0.014 -18-4 0.056 -88-3 0.080 55-6 0.054 00-5 0.054	16 6.0 10 6.0
Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	18-40.056•88-30.080•5-60.054•0-50.054	6.0 10 6.0
Tetrachloroethylene127-Toluene108-1,1,1-Trichloroethane71-51,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	.88-30.080.5-60.054.00-50.054	10 6.0
Toluene 108- 1,1,1-Trichloroethane 71-5 1,1,2-Trichloroethane 79-0 1,1,2-Trichloro-1,2,2- 76-1	55-60.05400-50.054	6.0
1,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1	0-5 0.054	
1,1,2-Trichloroethane79-01,1,2-Trichloro-1,2,2-76-1		()
	0.1 0.057	6.0
	3-1 0.057	30
	0.051	60
Trichloroethylene 79-0		6.0
Trichloromonofluoromethane 75-6 Xylenes-mixed isomers 1330	59-40.0200-20-70.32	30 30
(sum of o-, m-, and p-xylene concentrations)	0.52	50
F001, F002, F003, F004 & F005		
F003 and F005 solvent wastes that contai hree solvents as the only listed F001 thro		
or methanol. (Formerly Section 728.141(
Carbon disulfide 75-1	5-0 3.8	4.8 mg/ℓ TCLP
Cyclohexanone 108-	-94-1 0.36	0.75 mg/ℓ TCLI
Methanol 67-5	56-1 5.6	0.75 mg/ℓ TCLI
F001, F002, F003, F004 & F005		
2001, F002, F003, F004 & F003		
	nane as the only listed F(001 through E005 solvent
2005 solvent waste containing 2-Nitronro		Joi unougni 005 solvent.
F005 solvent waste containing 2-Nitropro	pulle us the only listed I	
F005 solvent waste containing 2-Nitropro 2-Nitropropane 79-4		Cor CMBST
	16-9 (WETOX	C or CMBST
	i6-9 (WETOX CHOXD)	C or CMBST
	i6-9 (WETOX CHOXD) CARBN;	C or CMBST
	i6-9 (WETOX CHOXD) CARBN;	C or CMBST
2-Nitropropane 79-4	i6-9 (WETOX CHOXD) CARBN;	C or CMBST
2-Nitropropane 79-4	46-9 (WETOX CHOXD) CARBN; CMBST	Cor CMBST) fb or

			JCAR350'	728-1604611r01
2-Ethoxyethan	ol	110-80-5	BIODG; or CMBST	CMBST
F006				
			The second s	1
		from electroplating of		
		odizing of aluminum		
		arbon steel; (4) alumi		
		associated with tin, zi	nc, and aluminum pla	ating on carbon steel;
and (6) chemica	l etching and r	nilling of aluminum.		
Cadmium		7440-43-9	0.69	0.11 mg/{ TCL
Chromium (To	tal)	7440-47-3	2.77	0.60 mg/ℓ TCL
Cyanides (Tota		57-12-5	1.2	590
Cyanides (100 Cyanides (Am		57-12-5	0.86	30
Lead	enable)	7439-92-1	0.69	0.75 mg/l TCL
Nickel		7440-02-0	3.98	11 mg/ℓ TCLP
Silver		7440-02-0	NA	0.14 mg/ℓ TCL
Silver		7440-22-4	NA	0.14 mg/t TCL
F007				
1007				
Spent evanide p	lating bath sol	utions from electropla	ting operations	
opene cyanace p	luting butil sol	utions from electropia	ung operations.	
Cadmium		7440-43-9	NA	0.11 mg/ℓ TCL
Chromium (To	otal)	7440-47-3	2.77	0.60 mg/l TCL
Cyanides (Tota		57-12-5	1.2	590
Cyanides (Am		57-12-5	0.86	30
Lead		7439-92-1	0.69	0.75 mg/l TCL
Nickel		7440-02-0	3.98	11 mg/l TCLP
Silver		7440-22-4	NA	0.14 mg/l TCL
F008				
Plating bath resi	dues from the	bottom of plating bath	ns from electroplating	operations where
cyanides are use	ed in the proce	SS.		
Cadmium		7440-43-9	NA	0.11 mg/ℓ TCL
Chromium (To	otal)	7440-47-3	2.77	0.60 mg/l TCL
Cyanides (Tot	al) ⁷	57-12-5	1.2	590
Cyanides (Am	enable) ⁷	57-12-5	0.86	30
Lead		7439-92-1	0.69	0.75 mg/l TCL
Nickel		7440-02-0	3.98	11 mg/l TCLP
THERET				

F009			
Spent stripping and cleaning ba	ath solutions from ele	ctronlating operati	ions where evanides are
used in the process.	an solutions nom ele	enoplaing operation	ions where eyandes are
ised in the process.			
Cadmium	7440-43-9	NA	0.11 mg/ℓ TCL
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCL
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCL
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCL
			0
F010			
Quenching bath residues from	oil baths from metal	heat-treating opera	ations where cyanides are
used in the process.			
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	NA
F011			
F011	101 at 1 1	6	
	salt bath pot cleaning	from metal heat-tr	
F011 Spent cyanide solutions from s			eating operations.
F011 Spent cyanide solutions from s Cadmium	7440-43-9	NA	eating operations. 0.11 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total)	7440-43-9 7440-47-3	NA 2.77	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷	7440-43-9 7440-47-3 57-12-5	NA 2.77 1.2	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	7440-43-9 7440-47-3 57-12-5 57-12-5	NA 2.77 1.2 0.86	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1	NA 2.77 1.2 0.86 0.69	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0	NA 2.77 1.2 0.86 0.69 3.98	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1	NA 2.77 1.2 0.86 0.69	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0	NA 2.77 1.2 0.86 0.69 3.98	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0	NA 2.77 1.2 0.86 0.69 3.98	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4	NA 2.77 1.2 0.86 0.69 3.98 NA	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver F012 Quenching wastewater treatme	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4	NA 2.77 1.2 0.86 0.69 3.98 NA	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4	NA 2.77 1.2 0.86 0.69 3.98 NA	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver F012 Quenching wastewater treatments	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4	NA 2.77 1.2 0.86 0.69 3.98 NA 1 heat-treating ope	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL erations where cyanides a
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver F012 Quenching wastewater treatments used in the process. Cadmium	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4 ent sludges from meta 7440-43-9	NA 2.77 1.2 0.86 0.69 3.98 NA 1 heat-treating ope NA	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL erations where cyanides a 0.11 mg/ℓ TCL
F011 Spent cyanide solutions from s Cadmium Chromium (Total) Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Lead Nickel Silver F012 Quenching wastewater treatments	7440-43-9 7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0 7440-22-4	NA 2.77 1.2 0.86 0.69 3.98 NA 1 heat-treating ope	eating operations. 0.11 mg/ℓ TCL 0.60 mg/ℓ TCL 590 30 0.75 mg/ℓ TCL 11 mg/ℓ TCLP 0.14 mg/ℓ TCL

			JCAR550	0728-1604611r01
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Silver	7440-22-4	NA	0.14 mg/l TCLP
1896				
897	F019			
898				
899	Wastewater treatment sludges from	n the chemical con	nversion coating of a	luminum, except from
1900	zirconium phosphating in aluminu	m can washing wh	nen such phosphating	g is an exclusive
1901	conversion coating process.			
902				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/{ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
1903				
1904	F020, F021, F022, F023, F026			
1905			Television de la constante	
1906	Wastes (except wastewater and sp			
	production or manufacturing use (as a reactant, chen		
1907				
1908	formulating process) of: (1) tri- of	r tetrachloropheno		
1908 1909	formulating process) of: (1) tri- or pesticide derivatives, excluding w	r tetrachloropheno astes from the pro-	duction of Hexachlo	rophene from highly
1908 1909 1910	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e.	r tetrachloropheno astes from the pro- , F020); (2) pentad	duction of Hexachlo chlorophenol, or of i	rophene from highly ntermediates used to
1908 1909 1910 1911	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021)	r tetrachloropheno astes from the pro- , F020); (2) pentac ; (3) tetra-, penta-	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze	rophene from highly ntermediates used to enes under alkaline
1908 1909 1910 1911 1912	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e., produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes	r tetrachloropheno astes from the pro- , F020); (2) pentado ; (3) tetra-, penta- (except wastewated	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride
1908 1909 1910 1911 1912 1913	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production	r tetrachloropheno astes from the pro- , F020); (2) pentac ; (3) tetra-, penta- (except wastewate of materials on equ	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production
1908 1909 1910 1911 1912 1913 1914	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e., produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan	r tetrachloropheno astes from the pro- , F020); (2) penta- ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating
1908 1909 1910 1911 1912 1913 1914 1915	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop	r tetrachloropheno astes from the pro- , F020); (2) penta- ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the
1908 1909 1910 1911 1912 1913 1914 1915 1916	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr	r tetrachloropheno astes from the pro- , F020); (2) pentac ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop	r tetrachloropheno astes from the pro- , F020); (2) pentac ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production or or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026).	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-,
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All	r tetrachloropheno astes from the pro- , F020); (2) pentac ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins)	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- ; (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit NA	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-, 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026).	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-,
1908 1909 1910 1911 1912 1913 1914 1915	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans)	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- (except wastewate of materials on equ it, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tol (F023) or (2) tetra-, 0.001 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- ; (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit NA	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-, 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins)	r tetrachloropheno astes from the pro- stes from the pro- F020); (2) pentac- (astes from the pro- rotation (2) pentac- (asteration); (2) pentac- (asteration); (2) pentac- (asteration); (2) pentac- (asteration); (3) tetra-, penta- (asteration); (3) tetra-, penta- (asteration); (4) tetra-, penta- (asteration); (5) tetra-, penta- (asteration); (4) tetra-, penta- (asteration); (5) tetra-, penta- (duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-, 0.001 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All	r tetrachloropheno astes from the pro- , F020); (2) pentac- ; (3) tetra-, penta- (except wastewate of materials on equ it, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tol (F023) or (2) tetra-, 0.001 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzo-p-dioxins)	r tetrachloropheno astes from the pro- stes from the pro- F020); (2) pentac- (accept); (2) pentac- (except); (2) pentac- (except); (2) pentac- or (except); (2) pentac- (except); (2)	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tool (F023) or (2) tetra-, 0.001 0.001 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans)	r tetrachloropheno astes from the pro- stes from the pro- F020); (2) pentac- (accept wastewate of materials on equit, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1 36088-22-9 30402-15-4 87-86-5	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035 0.089	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-, 0.001 0.001 0.001 7.4
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactan process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Pentachlorodibenzofurans)	r tetrachloropheno astes from the pro- stes from the pro- F020); (2) pentac- (accept); (2) pentac- (except); (2) pentac- (except); (2) pentac- or (except); (2) pentac- (except); (2)	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tool (F023) or (2) tetra-, 0.001 0.001 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans)	r tetrachloropheno astes from the pro- , F020); (2) pentad- y; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1 36088-22-9 30402-15-4 87-86-5 41903-57-5	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035 0.089 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tool (F023) or (2) tetra-, 0.001 0.001 0.001 7.4 0.001
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzofurans) PeCDFs (All Pentachlorodibenzofurans) Pentachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans)	r tetrachloropheno astes from the pro- stes from the pro- F020); (2) pentac- (accept wastewate of materials on equit, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1 36088-22-9 30402-15-4 87-86-5	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u rediate, or componen g wastes from equipr 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035 0.089	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the nol (F023) or (2) tetra-, 0.001 0.001 0.001 7.4
1908 1909 1910 1911 1912 1913 1914 1915 1916 1917	formulating process) of: (1) tri- or pesticide derivatives, excluding w purified 2,4,5-trichlorophenol (i.e. produce its derivatives (i.e., F021) conditions (i.e., F022) and wastes purification) from the production of or manufacturing use (as a reactant process) of: (1) tri- or tetrachlorop production of Hexachlorophene fr penta-, or hexachlorobenzenes und HxCDDs (All Hexachlorodibenzo-p-dioxins) HxCDFs (All Hexachlorodibenzofurans) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans) Petachlorodibenzofurans)	r tetrachloropheno astes from the pro- , F020); (2) pentad- y; (3) tetra-, penta- (except wastewate of materials on equ t, chemical interm phenols, excluding om highly purified der alkaline condit NA 55684-94-1 36088-22-9 30402-15-4 87-86-5 41903-57-5	duction of Hexachlo chlorophenol, or of i , or hexachlorobenze er and spent carbon f upment previously u ediate, or componen g wastes from equipri 1 2,4,5-trichlorophen ions (i.e., F026). 0.000063 0.000063 0.000063 0.000035 0.089 0.000063	rophene from highly ntermediates used to enes under alkaline from hydrogen chloride used for the production at in a formulating nent used only for the tool (F023) or (2) tetra-, 0.001 0.001 0.001 7.4 0.001

2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

1919 1920

1921

F024

1922 Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor 1923 clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free 1924 radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon 1925 chain lengths ranging from one to and including five, with varying amounts and positions of 1926 chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, 1927 spent catalysts, and wastes listed in 35 Ill. Adm. Code 721.131 or 721.132.)

1928

NA	CMBST ¹¹	CMBST ¹¹
126-99-8	0.057	0.28
107-05-1	0.036	30
75-34-3	0.059	6.0
107-06-2	0.21	6.0
78-87-5	0.85	18
10061-01-5	0.036	18
10061-02-6	0.036	18
117-81-7	0.28	28
67-72-1	0.055	30
7440-47-3	2.77	0.60 mg/l TCLP
7440-02-0	3.98	11 mg/ℓ TCLP
	126-99-8 107-05-1 75-34-3 107-06-2 78-87-5 10061-01-5 10061-02-6 117-81-7 67-72-1 7440-47-3	126-99-80.057107-05-10.03675-34-30.059107-06-20.2178-87-50.8510061-01-50.03610061-02-60.036117-81-70.2867-72-10.0557440-47-32.77

- 1929
- 1930 F025
- 1931

1932 Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons by free

1933 radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon

1934 chain lengths ranging from one up to and including five, with varying amounts and positions of 1935 chlorine substitution. F025 – Light Ends Subcategory.

1936

		0.057	F O
Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
Methylene chloride	75-9-2	0.089	30
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Vinyl chloride	75-01-4	0.27	6.0

1937

1938 F025

- 1940 Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated
- 1941 aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic

1942 hydrocarbons are those having carbon chain lengths ranging from one to and including five, with

varying amounts and positions of chlorine substitution. F025 – Spent Filters/Aids and Desiccants
 Subcategory.

1944

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachloroethane	67-72-1	0.055	30
Methylene chloride	75-9-2	0.089	30
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Vinyl chloride	75-01-4	0.27	6.0

1946

1947 F027

1948

1949 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused 1950 formulations containing compounds derived from these chlorophenols. (This listing does not

1951 include formulations containing hexachlorophene synthesized from prepurified 2,4,5-

1951 trichlorophenol as the sole component.)

1953

HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
Pentachlorophenol	87-86-5	0.089	7.4
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

1954 1955

1955

F028

Residues resulting from the incineration or thermal treatment of soil contaminated with USEPA
 hazardous waste numbers F020, F021, F023, F026, and F027.

- 1	0	-	0
	ч	2	y.

HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
Pentachlorophenol	87-86-5	0.089	7.4
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

¹⁹⁶⁰

1961 F032

1962

1963 Wastewaters (except those that have not come into contact with process contaminants), process 1964 residuals, preservative drippage, and spent formulations from wood preserving processes 1965 generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in 1966 1967 accordance with 35 Ill. Adm. Code 721.135 or potentially cross-contaminated wastes that are 1968 otherwise currently regulated as hazardous wastes (i.e., F034 or F035), where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 1969 1970 bottom sediment sludge from the treatment of wastewater from wood preserving processes that 1971 use creosote or penta-chlorophenol.

1912	1	9	7	2
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Acenaphthene	83-32-9	0.059	3.4
Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from benzo(k)			
fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from benzo(b)			
fluoranthene)			
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4

Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2-4-Dimethyl phenol	105-67-9	0.036	14
Fluorene	86-73-7	0.059	3.4
Hexachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Hexachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Pentachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorodibenzofurans	NA	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorophenol	87-86-5	0.089	7.4
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Tetrachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Tetrachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
F034			
Wastewaters (except those that have residuals, preservative drippage, and generated at plants that use creosof sediment sludge from the treatment creosote or pentachlorophenol.	nd spent formulatite formulations. T	ions from wood presen his listing does not ind	rving processes clude K001 bottom
Acenaphthene	83-32-9	0.059	3.4
Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
benzo(k)fluoranthene) Benzo(k)fluoranthene (difficult to distinguish from	207-08-9	0.11	6.8

benzo(b)fluoranthene)

Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Fluorene	86-73-7	0.059	3.4
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
F035			
Wastewaters (except those that h residuals, preservative drippage, generated at plants that use inorg does not include K001 bottom se preserving processes that use cre	and spent formulati ganic preservatives of ediment sludge from	ions from wood pre containing arsenic on the treatment of w	serving processes that are or chromium. This listing
preserving processes that use ere	osole of pentaemor	opnenoi.	
America	7440 20 2	1.4	5.0 mg/l TCLP
Arsenic	7440-38-2	1.4	5.0 mg/t ICLF
Chromium (Total)	7440-38-2 7440-47-3	2.77	0.60 mg/ℓ TCLP
Chromium (Total)			
Chromium (Total)			
	7440-47-3 water/solids separation ater/solids during the petroleum refiner /solids separators; ta water units receiving eive dry weather flo- ed for treatment from biological treatment s generated in one o	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of t units as defined in r more additional u	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited nents; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive 1 721.131(b)(2) (including sludges have been treated in aggressive 1	7440-47-3 water/solids separation ater/solids during the petroleum refiner /solids separators; ta water units receiving eive dry weather flo- ed for treatment from biological treatment s generated in one o	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of t units as defined in r more additional u	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited nents; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water, conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive i 721.131(b)(2) (including sludges have been treated in aggressive is this listing.	7440-47-3 water/solids separation ater/solids during the own petroleum refines /solids separators; ta water units receiving eive dry weather flo- ed for treatment from biological treatment s generated in one o biological treatment	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of t units as defined in r more additional u units) and K051 w	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited nents; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters astes are not included in
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water, conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive i 721.131(b)(2) (including sludges have been treated in aggressive is this listing.	7440-47-3 water/solids separation ater/solids during the om petroleum refiner /solids separators; ta water units receiving eive dry weather flow ed for treatment from biological treatment s generated in one of biological treatment	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or o t units as defined in r more additional u units) and K051 w 0.059	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited ments; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters astes are not included in NA
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water, conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive i 721.131(b)(2) (including sludges have been treated in aggressive is this listing. Acenaphthene Anthracene	7440-47-3 water/solids separation ater/solids during the om petroleum refiner /solids separators; ta water units receiving eive dry weather flo- biological treatment s generated in one o biological treatment 83-32-9 120-12-7	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of t units as defined in r more additional u units) and K051 w 0.059 0.059	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited nents; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters astes are not included in NA 3.4
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water, conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive i 721.131(b)(2) (including sludges have been treated in aggressive is this listing. Acenaphthene Anthracene Benzene	7440-47-3 water/solids separation ater/solids during the om petroleum refiner /solids separators; ta water units receiving eive dry weather flo- ed for treatment from biological treatment s generated in one of biological treatment 83-32-9 120-12-7 71-43-2	2.77 on sludge – any slu e storage or treatme ries. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of units as defined in r more additional u units) and K051 w 0.059 0.059 0.14	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited nents; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters astes are not included in NA 3.4 10
Chromium (Total) F037 Petroleum refinery primary oil/w gravitational separation of oil/wa and oily cooling wastewaters fro to, those generated in: oil/water conveyances; sumps; and stormy stormwater units that do not rece through cooling waters segregate sludges generated in aggressive i 721.131(b)(2) (including sludges have been treated in aggressive is this listing. Acenaphthene Anthracene Benzene Benzene Benz(a)anthracene	7440-47-3 water/solids separation ater/solids during the om petroleum refiner /solids separators; ta water units receiving eive dry weather flow ed for treatment from biological treatment s generated in one of biological treatment 83-32-9 120-12-7 71-43-2 56-55-3	2.77 on sludge – any slu e storage or treatmories. Such sludges i anks, and impoundi g dry weather flow. w, sludges generate m other process or of t units as defined in r more additional u units) and K051 w 0.059 0.059 0.14 0.059	0.60 mg/l TCLP dge generated from the ent of process wastewaters nclude, but are not limited ments; ditches, and other Sludge generated in ed from non-contact once- oily cooling waters, 35 Ill. Adm. Code nits after wastewaters astes are not included in NA 3.4 10 3.4

Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP

2006

2007 F038

2008

Petroleum refinery secondary (emulsified) oil/water/solids separation sludge or float generated
from the physical or chemical separation of oil/water/solids in process wastewaters and oily
cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all
sludges and floats generated in: induced air floatation (IAF) units, tanks, and impoundments,

and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive

2014 dry weather flow, sludges generated from non-contact once-through cooling waters segregated

2015 for treatment from other process or oily cooling waters, sludges, and floats generated in

2016 aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including

2017 sludges and floats generated in one or more additional units after wastewaters have been treated

2018 in aggressive biological units) and F037, K048, and K051 are not included in this listing.

Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9	0.059	3.4
Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10

Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene			
concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP
			č

2020

2021 F039

2022

Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under Subpart D of this Part. (Leachate resulting from the disposal of one or more of the following USEPA hazardous wastes and no other hazardous wastes retains its USEPA hazardous waste numbers: F020, F021, F022, F026,

2027 F027, or F028.).

208-96-8	0.059	3.4
83-32-9	0.059	3.4
67-64-1	0.28	160
75-05-8	5.6	NA
96-86-2	0.010	9.7
53-96-3	0.059	140
107-02-8	0.29	NA
107-13-1	0.24	84
309-00-2	0.021	0.066
92-67-1	0.13	NA
62-53-3	0.81	14
90-04-0	0.010	0.66
120-12-7	0.059	3.4
140-57-8	0.36	NA
319-84-6	0.00014	0.066
319-85-7	0.00014	0.066
319-86-8	0.023	0.066
58-89-9	0.0017	0.066
71-43-2	0.14	10
56-55-3	0.059	3.4
205-99-2	0.11	6.8
207-08-9	0.11	6.8
191-24-2	0.0055	1.8
	83-32-9 67-64-1 75-05-8 96-86-2 53-96-3 107-02-8 107-13-1 309-00-2 92-67-1 62-53-3 90-04-0 120-12-7 140-57-8 319-84-6 319-85-7 319-86-8 58-89-9 71-43-2 56-55-3 205-99-2 207-08-9	83-32-9 0.059 $67-64-1$ 0.28 $75-05-8$ 5.6 $96-86-2$ 0.010 $53-96-3$ 0.059 $107-02-8$ 0.29 $107-13-1$ 0.24 $309-00-2$ 0.021 $92-67-1$ 0.13 $62-53-3$ 0.81 $90-04-0$ 0.010 $120-12-7$ 0.059 $140-57-8$ 0.36 $319-84-6$ 0.00014 $319-85-7$ 0.00014 $319-86-8$ 0.023 $58-89-9$ 0.0017 $71-43-2$ 0.14 $56-55-3$ 0.059 $205-99-2$ 0.11

Benzo(a)pyrene	50-32-8	0.061	3.4
Bromodichloromethane	75-27-4	0.35	15
Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
4-Bromophenyl phenyl ether	101-55-3	0.055	15
n-Butyl alcohol	71-36-3	5.6	2.6
Butyl benzyl phthalate	85-68-7	0.017	28
2-sec-Butyl-4,6-dinitrophenol	88-85-7	0.066	2.5
(Dinoseb)			
Carbon disulfide	75-15-0	3.8	NA
Carbon tetrachloride	56-23-5	0.057	6.0
Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
p-Chloroaniline	106-47-8	0.46	16
Chlorobenzene	108-90-7	0.057	6.0
Chlorobenzilate	510-15-6	0.10	NA
2-Chloro-1,3-butadiene	126-99-8	0.057	NA
Chlorodibromomethane	124-48-1	0.057	15
Chloroethane	75-00-3	0.27	6.0
bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
Chloroform	67-66-3	0.046	6.0
bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
p-Chloro-m-cresol	59-50-7	0.018	14
Chloromethane (Methyl	74-87-3	0.19	30
chloride)			
2-Chloronaphthalene	91-58-7	0.055	5.6
2-Chlorophenol	95-57-8	0.044	5.7
3-Chloropropylene	107-05-1	0.036	30
Chrysene	218-01-9	0.059	3.4
p-Cresidine	120-71-8	0.010	0.66
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from p-			
cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from m-			
cresol)			
Cyclohexanone	108-94-1	0.36	NA
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
Ethylene dibromide (1,2-	106-93-4	0.028	15
Dibromoethane)			
Dibromomethane	74-95-3	0.11	15

2,4-D (2,4-	94-75-7	0.72	10
Dichlorophenoxyacetic acid)			
o,p'-DDD	53-19-0	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-9	0.031	0.087
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Dibenz(a,e)pyrene	192-65-4	0.061	NA
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Dichlorodifluoromethane	75-71-8	0.23	7.2
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	87-65-0	0.044	14
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,3-Dichloropropylene	10061-01-5	0.036	18
trans-1,3-Dichloropropylene	10061-02-6	0.036	18
Dieldrin	60-57-1	0.017	0.13
2,4-Dimethylaniline (2,4-	95-68-1	0.010	0.66
xylidine)			
Diethyl phthalate	84-66-2	0.20	28
2-4-Dimethyl phenol	105-67-9	0.036	14
Dimethyl phthalate	131-11-3	0.047	28
Di-n-butyl phthalate	84-74-2	0.057	28
1,4-Dinitrobenzene	100-25-4	0.32	2.3
4,6-Dinitro-o-cresol	534-52-1	0.28	160
2,4-Dinitrophenol	51-28-5	0.12	160
2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28
Di-n-octyl phthalate	117-84-0	0.017	28
Di-n-propylnitrosamine	621-64-7	0.40	14
1,4-Dioxane	123-91-1	12.0	170
Diphenylamine (difficult to	122-39-4	0.92	NA
distinguish from			
diphenylnitrosamine)			

diphenylnitrosamine)

Diphenylnitrosamine (difficult to distinguish from	86-30-6	0.92	NA
diphenylamine)	122 66 7	0.097	27.4
1,2-Diphenylhydrazine Disulfoton	122-66-7 298-04-4	0.087	NA
Endosulfan I		0.017	6.2
Endosulfan II	939-98-8 33213-6-5	0.023	0.066
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin		0.029	0.13
	72-20-8 7421-93-4	0.0028	0.13
Endrin aldehyde Ethyl acetate	141-78-6	0.025 0.34	0.13
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	33
Ethyl benzene	107-12-0	0.057	360
Ethyl ether	60-29-7	0.12	10
bis(2-Ethylhexyl) phthalate	117-81-7	0.12	160
Ethyl methacrylate	97-63-2	0.28	28
Ethylene oxide	75-21-8	0.12	160 NA
Famphur	52-85-7	0.017	NA 15
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-73-7	0.059	3.4
Heptachlor	76-44-8	0.0012	0.066
1,2,3,4,6,7,8-	35822-46-9	0.000035	0.000
Heptachlorodibenzo-p-dioxin	55822-40-9	0.000033	0.0025
(1,2,3,4,6,7,8-HpCDD)			
1,2,3,4,6,7,8-	67562-39-4	0.000035	0.0025
Heptachlorodibenzofuran	07502-59-4	0.000035	0.0025
(1,2,3,4,6,7,8-HpCDF)			
1,2,3,4,7,8,9-	55673-89-7	0.000035	0.0025
Heptachlorodibenzofuran	55075-89-7	0.000035	0.0025
(1,2,3,4,7,8,9-HpCDF)			
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)	1471	0.000005	0.001
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)	55001 91 1	0.000005	0.001
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.035	30
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Iodomethane	74-88-4	0.19	65
Isobutyl alcohol	78-83-1	5.6	170

Isodrin	465-73-6	0.021	0.066
Isosafrole	120-58-1	0.081	2.6
Kepone	143-50-8	0.0011	0.13
Methacrylonitrile	126-98-7	0.24	84
Methanol	67-56-1	5.6	NA
Methapyrilene	91-80-5	0.081	1.5
Methoxychlor	72-43-5	0.25	0.18
3-Methylcholanthrene	56-49-5	0.0055	15
4,4-Methylene bis(2-	101-14-4	0.50	30
chloroaniline)	101 14 4	0.50	50
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.018	NA
Methyl parathion	298-00-0	0.013	4.6
Naphthalene	91-20-3	0.059	5.6
2-Naphthylamine	91-59-8	0.52	NA
p-Nitroaniline	100-01-6	0.028	28
Nitrobenzene	98-95-3	0.068	14
5-Nitro-o-toluidine	99-55-8	0.32	28
p-Nitrophenol	100-02-7	0.12	29
N-Nitrosodiethylamine	55-18-5	0.40	28
N-Nitrosodimethylamine	62-75-9	0.40	NA
N-Nitroso-di-n-butylamine	924-16-3	0.40	17
N-Nitrosomethylethylamine	10595-95-6	0.40	2.3
N-Nitrosomorpholine	59-89-2	0.40	2.3
N-Nitrosopiperidine	100-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
1,2,3,4,6,7,8,9-	3268-87-9	0.000063	0.0025
Octachlorodibenzo-p-dioxin	5200 07-5	0.000005	0.0025
(1,2,3,4,6,7,8,9-OCDD)			
1,2,3,4,6,7,8,9-	39001-02-0	0.000063	0.005
Octachlorodibenzofuran	57001 02 0	0.000005	0.005
(OCDF)			
Parathion	56-38-2	0.014	4.6
Total PCBs	1336-36-3	0.10	10
(sum of all PCB isomers, or all	1550-50-5	0.10	10
Aroclors)			
Pentachlorobenzene	608-93-5	0.055	10
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)	50000-22-5	0.000005	0.001

PeCDFs (All	30402-15-4	0.000035	0.00
Pentachlorodibenzofurans)			
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
1,3-Phenylenediamine	108-45-2	0.010	0.66
Phorate	298-02-2	0.021	4.6
Phthalic anhydride	85-44-9	0.055	NA
Pronamide	23950-58-5	0.093	1.5
Pyrene	129-00-0	0.067	8.2
Pyridine	110-86-1	0.014	16
Safrole	94-59-7	0.081	22
Silvex (2,4,5-TP)	93-72-1	0.72	7.9
2,4,5-T	93-76-5	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
TCDDs (All	41903-57-5	0.000063	0.00
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.00
Tetrachlorodibenzofurans)			
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Bromoform (Tribromomethane)	75-25-2	0.63	15
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2- trifluoroethane	76-13-1	0.057	30
tris(2,3-Dibromopropyl) phosphate	126-72-7	0.11	NA
Vinyl chloride	75-01-4	0.27	6.0

concentrations) Antimony7440-36-01.91.15 mg/ mg/ ArsenicArsenic7440-38-21.45.0 mg/0Barium7440-39-31.221 mg/0Beryllium7440-41-70.82NACadmium7440-43-90.690.11 mg/0Chromium (Total)7440-47-32.770.60 mgCyanides (Total)'57-12-51.2590Cyanides (Amenable)'57-12-50.86NAFluoride16964-48-835NALead7439-92-10.690.75 mgMercury7439-92-10.690.75 mg/6Nickel7440-22-03.9811 mg/0Selenium7782-49-20.825.7 mg/6Silver7440-22-40.430.14 mgSulfride8496-25-814NAThallium7440-62-24.3NAK001Naphthalene91-20-30.0595.6Pyrene129-00-00.0678.2Toluene130-20-70.3230(sum of o-, m-, and p-xylene concentrations)Lead7439-92-10.690.75 mgLead7439-92-10.690.75 mgK002		1330-20-7	0.32	30
Antimony7440-36-01.91.15 mgArsenic7440-38-21.45.0 mg/CBarium7440-39-31.221 mg/CBeryllium7440-41-70.82NACadmium7440-41-70.82NACadmium7440-41-70.82NACadmium7440-47-32.770.60 mgCyanides (Total)7440-47-32.770.60 mgCyanides (Total)757-12-51.2590Cyanides (Amenable)57-12-50.86NAFluoride16964-48-835NALead7439-92-10.690.75 mgMercury7439-97-60.150.025 mNickel7440-22-03.9811 mg/CSelenium7782-49-20.825.7 mg/CSilver7440-22-40.430.14 mgSulfide8496-25-814NAThallium7440-62-24.3NAK001K001K001NaNaphthalene91-20-30.0595.6Pyrene129-00-00.0678.2Toluene108-83-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xyleneconcentrations)Lead7439-92-10.690.75 mgLead7439-92-10.690.75 mg10Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xyleneconcentrations)Lead7439-92-10.69 <t< td=""><td>(sum of o-, m-, and p-xylene</td><td></td><td></td><td></td></t<>	(sum of o-, m-, and p-xylene			
Arsenic $7440-38-2$ 1.4 5.0 mg/C Barium $7440-39-3$ 1.2 21 mg/C Beryllium $7440-41-7$ 0.82 NACadmium $7440-41-7$ 0.82 NACadmium $7440-41-7$ 0.82 NACadmium $7440-41-7$ 0.28 NAChromium (Total) $7440-47-3$ 2.77 0.60 mg Cyanides (Total) $7440-47-3$ 2.77 0.60 mg Cyanides (Amenable) 7 $57-12-5$ 1.2 590 Cyanides (Amenable) 7 $57-12-5$ 0.86 NAFluoride $16964-48-8$ 35 NALead $7439-92-1$ 0.69 0.75 mg Mercury $7439-92-1$ 0.69 0.75 mg Nickel $7440-22-0$ 3.98 11 mg/C Selenium $7782-49-2$ 0.82 5.7 mg/C Silver $7440-22-4$ 0.43 0.14 mg Sulfide $8496-25-8$ 14 NAThallium $7440-22-4$ 4.3 NAK001Na $749-20-2$ 4.3 NAK001Naphthalene $91-20-3$ 0.059 5.6 Pertachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of $-, m, -, and p-xylene$ <		7440.20.0	1.0	1.15 /0 TOLD
Barium $7440-39-3$ 1.2 21 mg/c Beryllium $7440-41-7$ 0.82 NA Cadmium $7440-43-9$ 0.69 0.11 mg Chromium (Total) $7440-47-3$ 2.77 0.60 mg Cyanides (Total) ⁷ 57-12-5 1.2 590 Cyanides (Amenable) ⁷ 57-12-5 0.86 NA Fluoride 16964-48-8 35 NA Lead $7439-92-1$ 0.69 0.75 mg Mercury $7439-92-1$ 0.69 0.75 mg Nickel $7440-02-0$ 3.98 11 mg/c Selenium $7782-49-2$ 0.82 5.7 mg/c Silver $7440-22-4$ 0.43 0.14 mg Sulfide $8496-22-8$ 14 NA Thallium $7440-22-0$ 1.4 NA Vanadium $7440-62-2$ 4.3 NA K001 Image: Conserving proce use crosote or pentachlorophenol. 87-86-5 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene 129-00-0 0.067				1.15 mg/ℓ TCLP
Beryllium $7440-41-7$ 0.82 NA Cadmium $7440-43-9$ 0.69 0.11 mg_{2} Chromium (Total) $7440-47-3$ 2.77 0.60 mg_{2} Cyanides (Total) ⁷ $57-12-5$ 1.2 590 Cyanides (Amenable) ⁷ $57-12-5$ 0.86 NA Fluoride $16964-48-8$ 35 NA Lead $7439-92-1$ 0.69 0.75 mg_{2} Mercury $7439-97-6$ 0.15 0.025 m_{1} Nickel $7440-02-0$ 3.98 11 mg/2 Selenium $7782-49-2$ 0.82 5.7 mg/0 Silver $7440-62-2$ 0.43 0.14 mg_{2} Sulfide $8496-25-8$ 14 NA Thallium $7440-62-2$ 4.3 NA K001 Na Vanadium $7440-62-2$ 4.3 NA K001 Softma sediment sludge from the treatment of wastewaters from wood preserving proce use crosote or pentachlorophenol. $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059				5.0 mg/ℓ TCLP
Cadmium7440-43-90.690.11 mg Chromium (Total)7440-47-32.770.60 mg/ Cyanides (Amenable)Cyanides (Amenable)57-12-51.2SyoSyoCyanides (Amenable)157-12-5Total106964-48-8Fluoride16964-48-8Lead7439-92-10.690.75 mgMercury7439-97-6Nickel7440-02-03.9811 mg/tSelenium7782-49-20.825.7 mg/tSilver7440-22-40.430.14 mgSulfide8496-25-814NAThallium7440-62-24.3NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xyleneconcentrations)Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen				21 mg/l TCLP
Chromium (Total) $7440-47-3$ 2.77 $0.60 \text{ mg}.$ Cyanides (Total)Cyanides (Total) $57-12-5$ 1.2 590 Cyanides (Amenable) $757-12-5$ 0.86 NAFluoride $16964.48-8$ 35 NALead $7439-92-1$ 0.69 $0.75 \text{ mg}.$ Mercury $7439-97-6$ 0.15 $0.025 \text{ mg}.$ Nickel $7440-02-0$ 3.98 11 mg/\ell Selenium $7782-49-2$ 0.82 5.7 mg/\ell Silver $7440-22-4$ 0.43 $0.14 \text{ mg}.$ Sulfide $8496-25-8$ 14 NAThallium $7440-28-0$ 1.4 NAVanadium $7440-62-2$ 4.3 NAK001NANANAKoo1Naphthalene $91-20-3$ 0.059 5.6 Pentachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of \circ , m-, and p-xylene $concentrations$) $Lead$ $7439-92-1$ 0.69 $0.75 \text{ mg}.$ K002Wastewater treatment sludge from the production of chrome yellow and orange pigmen 10 10				
Cyanides (Total) ⁷ 57-12-5 1.2 590 Cyanides (Amenable) ⁷ 57-12-5 0.86 NA Fluoride 16964-48-8 35 NA Lead 7439-92-1 0.69 0.75 mg. Mercury 74439-97-6 0.15 0.025 m. Nickel 7440-02-0 3.98 11 mg/C Selenium 7782-49-2 0.82 5.7 mg/C Silver 7440-22-4 0.43 0.14 mg. Sulfide 8496-25-8 14 NA Thallium 7440-62-2 4.3 NA Vanadium 7440-62-2 4.3 NA K001 Na NA NA Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol. NA Naphthalene 91-20-3 0.059 5.6 Pentachlorophenol 87-86-5 0.089 7.4 Phenanthrene 85-01-8 0.059 5.6 Pyrene 129-00-0 0.067 8.2 Toluene 108-88-3 0.080 10				0.11 mg/ℓ TCLP
Cyanides (Amenable) ⁷ 57-12-5 0.86 NA Fluoride 16964-48-8 35 NA Lead 7439-92-1 0.69 0.75 mg, Mercury 7439-97-6 0.15 0.025 mg, Nickel 7440-02-0 3.98 11 mg/\ell Selenium 7782-49-2 0.82 5.7 mg/\ell Silver 7440-22-4 0.43 0.14 mg, Sulfide 8496-25-8 14 NA Thallium 7440-28-0 1.4 NA Vanadium 7440-62-2 4.3 NA K001 K001 K01 K001 K001 Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol. S.6 Pentachlorophenol 87-86-5 0.089 7.4 Phenanthrene 85-01-8 0.059 5.6 Pyrene 129-00-0 0.067 8.2 Toluene 108-88-3 0.080 10 Xylenes-mixed isomers 1330-20-7 0.32 30 (sum of o-, m-, and p-xylene concentrations)				0.60 mg/ℓ TCLP
Fluoride16964-48-835NALead7439-92-10.690.75 mg.Mercury7439-97-60.150.025 mg.Nickel7440-02-03.9811 mg/lSelenium7782-49-20.825.7 mg/lSilver7440-22-40.430.14 mg.Sulfide8496-25-814NAThallium7440-28-01.4NAVanadium7440-62-24.3NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.06778.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations)7439-92-10.690.75 mgLead7439-92-10.690.75 mgK002				
Lead $7439-92-1$ 0.69 $0.75 mg$ Mercury $7439-97-6$ 0.15 $0.025 mg$ Nickel $7440-02-0$ 3.98 $11 mg/\ell$ Selenium $7782-49-2$ 0.82 $5.7 mg/\ell$ Silver $7440-22-4$ 0.43 $0.14 mg$ Sulfide $8496-25-8$ 14 NAThallium $7440-28-0$ 1.4 NAVanadium $7440-62-2$ 4.3 NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene $91-20-3$ 0.059 5.6 Pentachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of o-, m-, and p-xylene $concentrations$) $Lead$ $7439-92-1$ 0.69 $0.75 mg$ K002				
Mercury7439-97-60.150.025 mNickel7440-02-0 3.98 11 mg/\ellSelenium7782-49-2 0.82 $5.7 mg/\ell$ Silver7440-22-4 0.43 $0.14 mg$ Sulfide8496-25-814NAThallium7440-28-0 1.4 NAVanadium7440-62-2 4.3 NAK001800187-86-5 0.059 5.6 Pentachlorophenol87-86-5 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 K002K002Wastewater treatment sludge from the production of chrome yellow and orange pigmen				
Nickel 7440-02-0 3.98 11 mg/C Selenium 7782-49-2 0.82 5.7 mg/C Silver 7440-22-4 0.43 0.14 mg Sulfide 8496-25-8 14 NA Thallium 7440-28-0 1.4 NA Vanadium 7440-62-2 4.3 NA K001 Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol. Naphthalene 91-20-3 0.059 5.6 Pentachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of o-, m-, and p-xylene 0.69 0.75 mg Lead 7439-92-1 0.69 0.75 mg K002 Wastewater treatment sludge from the production of chrome yellow and orange pigmen				0.75 mg/ℓ TCLP
Selenium $7782-49-2$ 0.82 5.7 mg/f Silver $7440-22-4$ 0.43 0.14 mg Sulfide $8496-25-8$ 14 NAThallium $7440-28-0$ 1.4 NAVanadium $7440-62-2$ 4.3 NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene $91-20-3$ 0.059 5.6 Pentachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of o-, m-, and p-xylene concentrations) $7439-92-1$ 0.69 0.75 mg K002Wastewater treatment sludge from the production of chrome yellow and orange pigmen				0.025 mg/ℓ TCLP
Silver $7440-22-4$ 0.43 0.14 mg Sulfide $8496-25-8$ 14 NAThallium $7440-28-0$ 1.4 NAVanadium $7440-62-2$ 4.3 NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene $91-20-3$ 0.059 5.6 Pentachlorophenol $87-86-5$ 0.089 7.4 Phenanthrene $85-01-8$ 0.059 5.6 Pyrene $129-00-0$ 0.067 8.2 Toluene $108-88-3$ 0.080 10 Xylenes-mixed isomers $1330-20-7$ 0.32 30 (sum of o-, m-, and p-xylene $concentrations$) $Lead$ $7439-92-1$ 0.69 0.75 mg K002	Nickel			11 mg/ℓ TCLP
Sulfide8496-25-814NAThallium7440-28-01.4NAVanadium7440-62-24.3NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proceuse creosote or pentachlorophenol.Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
Thallium Vanadium7440-28-0 7440-62-21.4NA NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol.Naphthalene Pentachlorophenol91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene Phenanthrene85-01-80.0595.6Pyrene Toluene129-00-00.0678.2Toluene concentrations) Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
Vanadium7440-62-24.3NAK001Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol.Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations)7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Sulfide	8496-25-8	14	NA
K001Bottom sediment sludge from the treatment of wastewaters from wood preserving proce use creosote or pentachlorophenol.Naphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002	Thallium	7440-28-0	1.4	NA
Bottom sediment sludge from the treatment of wastewaters from wood preserving procesNaphthalene91-20-30.0595.6Pentachlorophenol87-86-50.0897.4Phenanthrene85-01-80.0595.6Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigment	Vanadium	7440-62-2	4.3	NA
Pentachlorophenol 87-86-5 0.089 7.4 Phenanthrene 85-01-8 0.059 5.6 Pyrene 129-00-0 0.067 8.2 Toluene 108-88-3 0.080 10 Xylenes-mixed isomers 1330-20-7 0.32 30 (sum of o-, m-, and p-xylene concentrations) 7439-92-1 0.69 0.75 mg K002 Wastewater treatment sludge from the production of chrome yellow and orange pigment 7439-92-1 0.69 0.75 mg		1		
Pentachlorophenol 87-86-5 0.089 7.4 Phenanthrene 85-01-8 0.059 5.6 Pyrene 129-00-0 0.067 8.2 Toluene 108-88-3 0.080 10 Xylenes-mixed isomers 1330-20-7 0.32 30 (sum of o-, m-, and p-xylene concentrations) 10 10 10 Lead 7439-92-1 0.69 0.75 mg. K002 Wastewater treatment sludge from the production of chrome yellow and orange pigment 10	use creosote or pentachlorophe		waters from wood	preserving processes that
Phenanthrene 85-01-8 0.059 5.6 Pyrene 129-00-0 0.067 8.2 Toluene 108-88-3 0.080 10 Xylenes-mixed isomers 1330-20-7 0.32 30 (sum of o-, m-, and p-xylene		nol.		
Pyrene129-00-00.0678.2Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen10	Naphthalene	nol. 91-20-3	0.059	5.6
Toluene108-88-30.08010Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen0.000	Naphthalene Pentachlorophenol	nol. 91-20-3 87-86-5	0.059 0.089	5.6 7.4
Xylenes-mixed isomers1330-20-70.3230(sum of o-, m-, and p-xylene concentrations) Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Naphthalene Pentachlorophenol Phenanthrene	nol. 91-20-3 87-86-5 85-01-8	0.059 0.089 0.059	5.6 7.4 5.6
(sum of o-, m-, and p-xylene concentrations) Lead 7439-92-1 0.69 0.75 mg K002 Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Naphthalene Pentachlorophenol Phenanthrene Pyrene	nol. 91-20-3 87-86-5 85-01-8 129-00-0	0.059 0.089 0.059 0.067	5.6 7.4 5.6 8.2
Lead7439-92-10.690.75 mgK002Wastewater treatment sludge from the production of chrome yellow and orange pigment	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3	0.059 0.089 0.059 0.067 0.080	5.6 7.4 5.6 8.2 10
K002 Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3	0.059 0.089 0.059 0.067 0.080	5.6 7.4 5.6 8.2 10
Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10 30
Wastewater treatment sludge from the production of chrome yellow and orange pigmen	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10
	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10 30
	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10 30
	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7 7439-92-1	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10 30 0.75 mg/ℓ TCLP
(hromum (10tal)) /440-47-3 2.77 0.60 mg	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7 7439-92-1	0.059 0.089 0.059 0.067 0.080 0.32	5.6 7.4 5.6 8.2 10 30 0.75 mg/ℓ TCLP
	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead K002 Wastewater treatment sludge fr	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7 7439-92-1	0.059 0.089 0.059 0.067 0.080 0.32 0.69	5.6 7.4 5.6 8.2 10 30 0.75 mg/ℓ TCLP
Load (+5)-52-1 0.05 0.75 mg	Naphthalene Pentachlorophenol Phenanthrene Pyrene Toluene Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations) Lead K002 Wastewater treatment sludge fr Chromium (Total)	nol. 91-20-3 87-86-5 85-01-8 129-00-0 108-88-3 1330-20-7 7439-92-1 rom the production of 7440-47-3	0.059 0.089 0.059 0.067 0.080 0.32 0.69 chrome yellow an 2.77	5.6 7.4 5.6 8.2 10 30 0.75 mg/ℓ TCLP

K003			
Wastewater treatment sludge	from the production of	molybdate orange	e pigments.
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
the second se	7439-92-1	0.69	0.75 mg/ℓ TCLP
K004			
Wastewater treatment sludge	from the production of	zinc vellow pigm	ents
in aste mater a caunent staage	nom me production of	Line Jene n pigin	Christ.
Chromium (Total)	7440-47-3	2 77	0.60 mg/l TCLP
			0.00 mg/ℓ TCLP 0.75 mg/ℓ TCLP
Lead	7439-92-1	0.09	0.75 mg/t TCLI
V005			
K003			
W/	C		
wastewater treatment studge	e from the production of	chrome green pig	ments.
	7440 47 0	0.77	
			0.60 mg/ℓ TCLP
			0.75 mg/{ TCLP
Cyanides (Total)'	57-12-5	1.2	590
K006			
Wastewater treatment sludge	e from the production of	f chrome oxide gre	en pigments (anhydrous).
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
K006			
Wastewater treatment sludge	e from the production of	f chrome oxide gre	en pigments (hydrated).
		3 m j 19 3	
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	7439-92-1	0.69	NA
K007			
Wastewater treatment sludge	from the production of	firon blue nigmen	ts
Waste Water a caunent staag.	i nom me production of	r non orac pignion	
			the second second second
Chromium (Total)	7440-47-3	2 77	0.60 mg/f TCLP
Chromium (Total) Lead	7440-47-3	2.77	0.60 mg/l TCLP
Chromium (Total) Lead Cyanides (Total) ⁷	7440-47-3 7439-92-1 57-12-5	2.77 0.69 1.2	0.60 mg/ℓ TCLP 0.75 mg/ℓ TCLP 590
	Wastewater treatment sludge Chromium (Total) Lead K004 Wastewater treatment sludge Chromium (Total) Lead K005 Wastewater treatment sludge Chromium (Total) Lead Cyanides (Total) ⁷ K006 Wastewater treatment sludge Chromium (Total) Lead K006 Wastewater treatment sludge	Wastewater treatment sludge from the production of Chromium (Total)7440-47-3 7439-92-1K004Wastewater treatment sludge from the production of Chromium (Total)7440-47-3 7439-92-1K005Wastewater treatment sludge from the production of Chromium (Total)7440-47-3 7439-92-1Chromium (Total)7440-47-3 7439-92-1Chromium (Total)7440-47-3 7439-92-1K006K006Wastewater treatment sludge from the production of Chromium (Total)Chromium (Total)7440-47-3 7439-92-1K006K006Wastewater treatment sludge from the production of Chromium (Total)Chromium (Total)7440-47-3 7439-92-1K006K006Wastewater treatment sludge from the production of 7440-47-3 LeadK006K006K006K006K006K007	Wastewater treatment sludge from the production of molybdate orange TheadChromium (Total)7440-47-32.77Lead7439-92-10.69K004Wastewater treatment sludge from the production of zinc yellow pigme Thead7440-47-32.77Lead7439-92-10.69K005Wastewater treatment sludge from the production of chrome green pig Chromium (Total)7440-47-32.77Lead7439-92-10.69Chromium (Total)7440-47-32.77Lead7439-92-10.69Chromium (Total)7440-47-32.77Lead7439-92-10.69K006Vastewater treatment sludge from the production of chrome oxide gree Thead2.77K006K006K006Wastewater treatment sludge from the production of chrome oxide gree Thead2.77Lead7440-47-32.77Lead7439-92-10.69K006K006K006Wastewater treatment sludge from the production of chrome oxide gree Thead2.77Lead7440-47-32.77Lead7439-92-10.69

Oven residue from the prod	uction of chrome oxide g	green pigments.	
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCL
Lead	7439-92-1	0.69	0.75 mg/l TCL
K009			
Distillation bottoms from th	e production of acetalde	hyde from ethylen	ð.
Chloroform	67-66-3	0.046	6.0
K010			
D' 411 4'		1.1.6	30
Distillation side cuts from t	ne production of acetaide	enyde from etnylen	le.
Chloroform	67-66-3	0.046	6.0
K011			
Bottom stream from the wa	stewater stripper in the p	production of acryle	onitrile.
Acetonitrile	75-05-8	5.6	38
Acrylonitrile	107-13-1	0.24	84
Acrylamide	79-06-1	19	23
Benzene	71-43-2	0.14	10
Cyanide (Total)	57-12-5	1.2	590
K013			
Bottom stream from the ace	etonitrile column in the p	roduction of acrylo	onitrile.
Acetonitrile	75-05-8	5.6	38
Acrylonitrile	107-13-1	0.24	84
Acrylamide	79-06-1	19	23
Benzene	71-43-2	0.14	10
Cyanide (Total)	57-12-5	1.2	590

2099				
	Acetonitrile	75-05-8	5.6	38
	Acrylonitrile	107-13-1	0.24	84
	Acrylamide	79-06-1	19	23
	Benzene	71-43-2	0.14	10
	Cyanide (Total)	57-12-5	1.2	590
2100				
2101	K015			
2102				
2103 2104	Still bottoms from the distillation of	f benzyl chloride		
	Anthracene	120-12-7	0.059	3.4
	Benzal chloride	98-87-3	0.055	6.0
	Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
	to distinguish from			
	benzo(k)fluoranthene)			
	Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
	to distinguish from			
	benzo(b)fluoranthene)			
	Phenanthrene	85-01-8	0.059	5.6
	Toluene	108-88-3	0.080	10
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Nickel	7440-02-0	3.98	11 mg/l TCLP
2105				
2106	K016			
2107				
2108	Heavy ends or distillation residues	from the product	ion of carbon tetrachl	oride.
2109				
	Hexachlorobenzene	118-74-1	0.055	10
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
	Hexachloroethane	67-72-1	0.055	30
	Tetrachloroethylene	127-18-4	0.056	6.0
2110				
2111	K017			
2112				
2113	Heavy ends (still bottoms) from the	e purification col	umn in the production	of epichlorohydrin.
2114				
	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
	1,2-Dichloropropane	78-87-5	0.85	18
	1,2,3-Trichloropropane	96-18-4	0.85	30
2115	F-F			57
2116	K018			

2117

2118	Heavy ends from the	fractionation column i	in ethyl chloride p	production.
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2119

2117				
	Chloroethane	75-00-3	0.27	6.0
	Chloromethane	74-87-3	0.19	NA
	1,1-Dichloroethane	75-34-3	0.059	6.0
	1,2-Dichloroethane	107-06-2	0.21	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Hexachlorobutadiene	87-68-3	0.055	5.6
	Hexachloroethane	67-72-1	0.055	30
	Pentachloroethane	76-01-7	NA	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
2120	and the second second second second			
2121	K019			
2122				
2123	Heavy ends from the distillation	of ethylene dichlor	ride in ethylene dich	nloride production.
2124				1
	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
	Chlorobenzene	108-90-7	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	p-Dichlorobenzene	106-46-7	0.090	NA
	1,2-Dichloroethane	107-06-2	0.21	6.0
	Fluorene	86-73-7	0.059	NA
	Hexachloroethane	67-72-1	0.055	30
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	NA
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
2125	i,i,i illemotoculaite	11.00.0	0.001	0.0
2126	K020			
2120	1020			
2128	Heavy ends from the distillation	of vinyl chloride i	n vinvl chloride mo	nomer production
2120	ficavy ends from the distination	or vinyr emoride i	ir vinyr emoride mo.	nomer production.
212)	1,2-Dichloroethane	107-06-2	0.21	6.0
	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
	Tetrachloroethylene	127-18-4	0.056	6.0
2130	Tetraemoroeuryiene	12/-10-4	0.050	0.0
2130	K021			
2131	K021			
	A quaque anont antimany actaluat	wasta from fluor	mathanag maduati	
2133	Aqueous spent antimony catalyst	waste from fluoro	smemanes productio	511.
/134				

	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
2135				
2136	K022			
2137				
2138	Distillation bottom tars from the pro-	oduction of phen	ol or acetone from	cumene.
2139	-	100.00.0	0.000	
	Toluene	108-88-3	0.080	10
	Acetophenone	96-86-2	0.010	9.7
	Diphenylamine (difficult to	122-39-4	0.92	13
	distinguish from			
	diphenylnitrosamine)			
	Diphenylnitrosamine (difficult	86-30-6	0.92	13
	to distinguish from			
	diphenylamine)			
	Phenol	108-95-2	0.039	6.2
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
2140				
2141	K023			
2142				
2143	Distillation light ends from the proc	luction of phthal	ic anhydride from	naphthalene.
2144			1	
	Phthalic anhydride (measured as	100-21-0	0.055	28
	Phthalic acid or Terephthalic			
	acid)			
	Phthalic anhydride (measured as	85-44-9	0.055	28
	Phthalic acid or Terephthalic			
	acid)			
2145				
2146	K024			
2147	RODI			
2148	Distillation bottoms from the produ	ction of phthalic	anhydride from na	nhthalene
2149	Distillation obtains nom the produ	enon or philane	unifunde nom ne	ipititiaiene.
2115	Phthalic anhydride (measured as	100-21-0	0.055	28
	Phthalic acid or Terephthalic	100-21-0	0.055	20
	acid)			
	Phthalic anhydride (measured as	85-44-9	0.055	28
		03-44-9	0.055	20
	Phthalic acid or Terephthalic			
0150	acid)			
2150 2151	K025			

NA	NA	LLEXT fb SSTRP	CMBST
		fb CARBN; or CMBST	
K026			
Stripping still tails from the prod	uction of methyl et	hyl pyridines.	
NA	NA	CMBST	CMBST
K027			
Contrifuence of distillations it	on from to be att	and the second states of	
Centrifuge and distillation residu	les from tofuene dif	socyanate production.	
NA	NA	CARBN; or	CMBST
INA	INA		CIVIDST
		CMBST	
K028		CMBS1	
K028		CMBST	
	orinator reactor in t		chloroethane.
K028 Spent catalyst from the hydrochl	orinator reactor in t		chloroethane.
	orinator reactor in t 75-34-3		chloroethane. 6.0
Spent catalyst from the hydrochl		he production of 1,1,1-tri	
Spent catalyst from the hydrochl 1,1-Dichloroethane	75-34-3	he production of 1,1,1-tri 0.059	6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene	75-34-3 156-60-5	he production of 1,1,1-tri 0.059 0.054	6.0 30
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene	75-34-3 156-60-5 87-68-3	he production of 1,1,1-tri 0.059 0.054 0.055	6.0 30 5.6
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane	75-34-3 156-60-5 87-68-3 67-72-1	he production of 1,1,1-tri 0.059 0.054 0.055 0.055	6.0 30 5.6 30
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA	6.0 30 5.6 30 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,1,2-Tetrachloroethane	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057	6.0 30 5.6 30 6.0 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057	6.0 30 5.6 30 6.0 6.0 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.056	6.0 30 5.6 30 6.0 6.0 6.0 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4 71-55-6	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.056 0.054	6.0 30 5.6 30 6.0 6.0 6.0 6.0 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane 1,1,2-Trichloroethane	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4 71-55-6 79-00-5	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.057 0.056 0.054 0.054	6.0 30 5.6 30 6.0 6.0 6.0 6.0 6.0 6.0
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Cadmium	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4 71-55-6 79-00-5 7440-43-9	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.056 0.054 0.054 0.054 0.054 0.69	6.0 30 5.6 30 6.0 6.0 6.0 6.0 6.0 6.0 6.0 NA
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Cadmium Chromium(Total)	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4 71-55-6 79-00-5 7440-43-9 7440-47-3	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.056 0.054 0.054 0.054 0.69 2.77	6.0 30 5.6 30 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 8.0 0.0 NA 0.60 mg/ℓ TC 0.75 mg/ℓ TC
Spent catalyst from the hydrochl 1,1-Dichloroethane trans-1,2-Dichloroethylene Hexachlorobutadiene Hexachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Cadmium Chromium(Total) Lead	75-34-3 156-60-5 87-68-3 67-72-1 76-01-7 630-20-6 79-34-6 127-18-4 71-55-6 79-00-5 7440-43-9 7440-47-3 7439-92-1	he production of 1,1,1-tri 0.059 0.054 0.055 0.055 NA 0.057 0.057 0.056 0.054 0.054 0.054 0.054 0.69 2.77 0.69	6.0 30 5.6 30 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 NA 0.60 mg/ℓ TC

67-66-3	0.046	6.0
107-06-2	0.21	6.0
75-35-4	0.025	6.0
71-55-6	0.054	6.0
75-01-4	0.27	6.0
m the combined pr	oduction of trichlor	oethylene and
95-50-1	0.088	NA
106-46-7	0.090	NA
87-68-3		5.6
67-72-1	0.055	30
		30
608-93-5	NA	10
		6.0
		14
		6.0
120-82-1	0.055	19
production of MSI	MA and cacodylic a	acid.
7440-38-2	1.4	5.0 mg/ℓ TCLP
n the production of	f chlordane.	
77-47-4	0.057	2.4
		0.26
		0.066
		0.066
the chlorination o	f cyclonentadiene i	n the production of
emormation o	- cyclopenduciene n	a me production of
77-47-4	0.057	2.4
	75-35-4 71-55-6 75-01-4 m the combined pr 95-50-1 106-46-7 87-68-3 67-72-1 1888-71-7 608-93-5 76-01-7 95-94-3 127-18-4 120-82-1 production of MSI 7440-38-2 n the production of 77-47-4 57-74-9 76-44-8 1024-57-3	107-06-2 0.21 $75-35-4$ 0.025 $71-55-6$ 0.054 $75-01-4$ 0.27 m the combined production of trichlor $95-50-1$ 0.088 $106-46-7$ 0.090 $87-68-3$ 0.055 $67-72-1$ 0.055 $1888-71-7$ NA $608-93-5$ NA $76-01-7$ NA $95-94-3$ 0.055 $127-18-4$ 0.056 $120-82-1$ 0.055 production of MSMA and cacodylic a $7440-38-2$ 1.4 n the production of chlordane. $77-47-4$ 0.057 $57-74-9$ 0.0033 $76-44-8$ 0.0012 $1024-57-3$ 0.016

2197				
2198	K034			
2199				
2200	Filter solids from the filtration of	hexachlorocyclop	entadiene in the pro	duction of chlordar
2201				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
2202				
2203	K035			
2204				
2205	Wastewater treatment sludges gen	nerated in the prod	uction of creosote.	
206				
	Acenaphthene	83-32-9	NA	3.4
	Anthracene	120-12-7	NA	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Chrysene	218-01-9	0.059	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-	100 55 1	0.77	5.0
	cresol)			
	p-Cresol	106-44-5	0.77	5.6
	(difficult to distinguish from m-		0.77	5.0
	cresol)			
	Dibenz(a,h)anthracene	53-70-3	NA	8.2
	Fluoranthene	206-44-0	0.068	3.4
	Fluorene	86-73-7	NA	3.4
	Indeno(1,2,3-cd)pyrene	193-39-5	NA	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
2207				
2208	K036			
2209				
2210	Still bottoms from toluene reclan	nation distillation 1	n the production of	disulfoton.
2211		1000000	11112	
	Disulfoton	298-04-4	0.017	6.2
2212				
2213	K037			
2214				
2215	Wastewater treatment sludges fro	om the production	of disulfoton.	
2216				

Toluene 108-88-3 0.080 10 2217 2218 K038 2219 2220 Wastewater from the washing and stripping of phorate production. 2221 Phorate 298-02-2 0.021 4.6 2222 2223 K039 2224 2225 Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate. 2226 NA NA CARBN; or CMBST CMBST 2227 2228 K040 2229 2230 Wastewater treatment sludge from the production of phorate. 2231 Phorate 298-02-2 0.021 4.6 2232 2233 K041 2234 2235 Wastewater treatment sludge from the production of toxaphene. 2236 Toxaphene 8001-35-2 0.0095 2.6 2237 2238 K042 2239 2240 Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T. 2241 2242 95-50-1 o-Dichlorobenzene 0.088 6.0 p-Dichlorobenzene 106-46-7 0.090 6.0 Pentachlorobenzene 608-93-5 10 0.055 95-94-3 1,2,4,5-Tetrachlorobenzene 0.055 14 1,2,4-Trichlorobenzene 120-82-1 0.055 19 2243 2244 K043 2245 2,6-Dichlorophenol waste from the production of 2,4-D. 2246 2247 2,4-Dichlorophenol 120-83-2 0.044 14

	0 < D' 11 1 1	107 65 0	0.044	
	2,6-Dichlorophenol	187-65-0	0.044	14
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
	Pentachlorophenol	87-86-5	0.089	7.4
	Tetrachloroethylene	127-18-4	0.056	6.0
	HxCDDs (All	NA	0.000063	0.001
	Hexachlorodibenzo-p-dioxins)			
	HxCDFs (All	55684-94-1	0.000063	0.001
	Hexachlorodibenzofurans)			
	PeCDDs (All	36088-22-9	0.000063	0.001
	Pentachlorodibenzo-p-dioxins)			
	PeCDFs (All	30402-15-4	0.000035	0.001
	Pentachlorodibenzofurans)	00102 10 1	0.000000	0.001
	TCDDs (All	41903-57-5	0.000063	0.001
	Tetrachlorodibenzo-p-dioxins)	11905-57-5	0.000005	0.001
	TCDFs (All	55722-27-5	0.000063	0.001
	Tetrachlorodibenzofurans)	55122-21-5	0.000005	0.001
2248	Tetracinorodioenzorurans)			
2248	K044			
	K044			
2250	W7			CE 44 14 25
2251	Wastewater treatment sludges from	n the manufacturir	ng and processing of	explosives.
2252			DELOT	55.00
2231.	NA	NA	DEACT	DEACT
2253				
2254	K045			
2255				
2255 2256	Spent carbon from the treatment of	f wastewater conta	aining explosives.	
2255	Spent carbon from the treatment of	f wastewater conta		
2255 2256	Spent carbon from the treatment of NA	f wastewater conta NA	iining explosives. DEACT	DEACT
2255 2256 2257				DEACT
2255 2256 2257 2258				DEACT
2255 2256 2257 2258 2259	NA			DEACT
2255 2256 2257 2258 2259 2260	NA K046	NA	DEACT	
2255 2256 2257 2258 2259 2260 2261	NA K046 Wastewater treatment sludges from	NA	DEACT	
2255 2256 2257 2258 2259 2260 2261 2262	NA K046	NA	DEACT	
2255 2256 2257 2258 2259 2260 2261	NA K046 Wastewater treatment sludges from initiating compounds.	NA n the manufacturir	DEACT	oading of lead-based
2255 2256 2257 2258 2259 2260 2261 2262 2263	NA K046 Wastewater treatment sludges from	NA	DEACT	oading of lead-based
2255 2256 2257 2258 2259 2260 2261 2262 2263 2264	NA K046 Wastewater treatment sludges from initiating compounds. Lead	NA n the manufacturir	DEACT	
2255 2256 2257 2258 2259 2260 2261 2262 2263 2263 2264 2265	NA K046 Wastewater treatment sludges from initiating compounds.	NA n the manufacturir	DEACT	oading of lead-based
2255 2256 2257 2258 2259 2260 2261 2262 2263 2263 2264 2265 2266	NA K046 Wastewater treatment sludges from initiating compounds. Lead K047	NA n the manufacturin 7439-92-1	DEACT	oading of lead-based
2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2266 2267	NA K046 Wastewater treatment sludges from initiating compounds. Lead	NA n the manufacturin 7439-92-1	DEACT	oading of lead-based
2255 2256 2257 2258 2259 2260 2261 2262 2263 2263 2264 2265 2266	NA K046 Wastewater treatment sludges from initiating compounds. Lead K047	NA n the manufacturin 7439-92-1	DEACT	oading of lead-based

			JCAR350	0728-1604611r01
2269				
2270	K048			
2271	110 10			
2272	Dissolved air flotation (DAF) floa	at from the petroleun	n refining industry.	
2273		real and the product of the		
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Chrysene	<u>218-01-9</u> 218- 01-9	0.059	3.4
	Di-n-butyl phthalate	84-74-2	0.057	28
	Ethylbenzene	100-41-4	0.057	10
	Fluorene	86-73-7	0.059	NA
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-33	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene	1330-20-7	0.32	30
	concentrations)	7440 47 0	0.77	0. CO /0 TOT D
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	NA
2274	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
2274 2275 2276	K049			
2277 2277 2278	Slop oil emulsion solids from the	petroleum refining i	ndustry.	
	Anthracene	120-12-7	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Carbon disulfide	75-15-0	3.8	NA
	Chrysene	218-01-9	0.059	3.4
	2,4-Dimethylphenol	105-67-9	0.036	NA
	Ethylbenzene	100-41-4	0.057	10
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	1 yiche	12000	0.007	0.2

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	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-, m-, and p-xylene			
	concentrations)			
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
2279				
2280	K050			
2281	11000			
2282	Heat exchanger bundle cleaning s	ludge from the petro	leum refining industry	
2283	Treat entenninger channet ertenning s	rudge nom me peuo	iouni forming maasay.	
2205	Benzo(a)pyrene	50-32-8	0.061	3.4
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/l TCLP
2284	TVICKCI	7440-02-0	IIII	II mg/c ICEI
2285	K051			
2285	R051			
2287	API separator sludge from the pet	roleum refining indu	strv	
2288	The separator studge from the per	a ofean remning maa	iou y.	
2200	Acenaphthene	83-32-9	0.059	NA
	Anthracene	120-12-7	0.059	3.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
	Chrysene	218-01-92218-	0.059	3.4
		01-9		
	Di-n-butyl phthalate	105-67-9	0.057	28
	Ethylbenzene	100-41-4	0.057	10
	Fluorene	86-73-7	0.059	NA
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Pyrene	129-00-0	0.067	8.2
	Toluene	108-88-3	0.08	10
	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-, m-, and p-xylene			
	concentrations)			
	Cyanides (Total) ⁷	57-12-5	1.2	590

	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	NA
0000	Nickel	7440-02-0	NA	11 mg/ℓ TCLP
2289				
2290	K052			
2291	T 11 (1 1 1 C 1			
2292	Tank bottoms (leaded) from the p	etroleum refining i	ndustry.	
2293	D	71 42 2	0.14	10
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol	108-39-4	0.77	5.6
	(difficult to distinguish from p-			
	cresol)	106-44-5	0.77	FC
	p-Cresol (difficult to distinguish from m	100-44-5	0.77	5.6
	(difficult to distinguish from m- cresol)			
	2,4-Dimethylphenol	105-67-9	0.036	NA
	Ethylbenzene	100-41-4	0.057	10
	Naphthalene	91-20-3	0.059	5.6
	Phenanthrene	85-01-8	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Toluene	108-88-3	0.08	10
	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-, m-, and p-xylene			
	concentrations)			
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Lead	7439-92-1	0.69	NA
	Nickel	7440-02-0	NA	11 mg/l TCLP
2294				
2295	K060			
2296				
2297	Ammonia still lime sludge from c	oking operations.		
2298				
	Benzene	71-43-2	0.14	10
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Naphthalene	91-20-3	0.059	5.6
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
2299				
2300	K061			
2301				

2303				
	Antimony	7440-36-0	NA	1.15 mg/ℓ TCLP
	Arsenic	7440-38-2	NA	5.0 mg/l TCLP
	Barium	7440-39-3	NA	21 mg/ℓ TCLP
	Beryllium	7440-41-7	NA	1.22 mg/ℓ TCLP
	Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
	Lead	7439-92-1	0.69	0.75 mg/{ TCLP
	Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
	Selenium	7782-49-2	NA	5.7 mg/l TCLP
	Silver	7440-22-4	NA	0.14 mg/{ TCLP
	Thallium	7440-28-0	NA	0.20 mg/ℓ TCLP
	Zinc	7440-66-6	NA	4.3 mg/l TCLP
2304				
2305	K062			
2306				
2307	Spent pickle liquor generated	d by steel finishing oper	ations of facilities	within the iron and steel
2308	industry (SIC Codes 331 and			
2309				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
	Nickel	7440-02-0	3.98	NA
2310				
2311	K069			
2312				
2313	Emission control dust or slu	dge from secondary lead	smelting-Calciur	n sulfate (Low Lead)
2314	Subcategory.			
2315				
	Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
2316				
2317	K069			
2318				
2319	Emission control dust or slu	dge from secondary lead	d smelting-Non-Ca	alcium sulfate (High Lead)
2320	Subcategory.		0	(3,
2321	- merene Berlin			
	NA	NA	NA	RLEAD
2322				
2323	K071			
2324	6001.0			

2302 Emission control dust or sludge from the primary production of steel in electric furnaces.

2325 2326	K071 (Brine purification muds from separately prepurified brine is not u		÷	
2327	separately preparitied of the is not a	used) nonwaste w	tions that are residu	its nom reviewe.
2521	Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
2328	moreary	1105 51 0		0.20 mg/01021
2329	K071			
2330				
2331	K071 (Brine purification muds from	m the mercury ce	ll process in chlorin	ne production, where
2332	separately prepurified brine is not u			
2333				
2225	Mercury	7439-97-6	NA	0.025 mg/f TCLP
2334				
2335	K071			
2336				
2337	All K071 wastewaters.			
2338				
	Mercury	7439-97-6	0.15	NA
2339				
2340	K073			
2341				
2342	Chlorinated hydrocarbon waste fro	m the purification	n step of the diaphr	agm cell process using
2343	graphite anodes in chlorine produc	tion.		
2344				
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Hexachloroethane	67-72-1	0.055	30
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,1,1-Trichloroethane	71-55-6	0.054	6.0
2345				
2346	K083			
2347		1.		
2348	Distillation bottoms from aniline p	roduction.		
2349			1000	
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	Cyclohexanone	108-94-1	0.36	NA
	Diphenylamine	122-39-4	0.92	13
	(difficult to distinguish from			
	diphenylnitrosamine)			·
	Diphenylnitrosamine (difficult	86-30-6	0.92	13
	to distinguish from			
	diphenylamine)	00.05.2	0.000	111
	Nitrobenzene	98-95-3	0.068	14

			Jointo	50720 1004011101
	Phenol	108-95-2	0.039	6.2
	Nickel	7440-02-0	3.98	11 mg/l TCLP
2350				
2351	K084			
2352				
2353	Wastewater treatment sludges gen	nerated during the	production of veter	inary pharmaceuticals
2354	from arsenic or organo-arsenic co	ompounds.	and a surface of the second	
2355				
	Arsenic	7440-38-2	1.4	5.0 mg/l TCL
2356				
2357	K085			
358				
2359	Distillation or fractionation colum	nn bottoms from th	e production of chl	lorobenzenes.
2360			a kostantina sa ta	
	Benzene	71-43-2	0.14	10
	Chlorobenzene	108-90-7	0.057	6.0
	m-Dichlorobenzene	541-73-1	0.036	6.0
	o-Dichlorobenzene	95-50-1	0.088	6.0
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Hexachlorobenzene	118-74-1	0.055	10
	Total PCBs	1336-36-3	0.10	10
	(sum of all PCB isomers, or all Aroclors)	1550-50-5	0.10	10
	Pentachlorobenzene	608-93-5	0.055	10
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
	1,2,4-Trichlorobenzene	120-82-1	0.055	19
2361		120 02 1	0.000	12
2362	K086			
2363	1000			
2364	Solvent wastes and sludges, caus	tic washes and slud	laes or water wash	es and sludges from
2365	cleaning tubs and equipment used			
2366	stabilizers containing chromium		r or nik nom pignk	ents, uriers, soaps, and
2367	stabilizers containing enronnum	and read.		
2507	Acetone	67-64-1	0.28	160
	Acetophenone	96-86-2	0.010	9.7
	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		71-36-3	5.6	2.6
	n-Butyl alcohol			
	Butylbenzyl phthalate	85-68-7	0.017	28
	Cyclohexanone	108-94-1	0.36	NA
		95-50-1	0.088	6.0
	o-Dichlorobenzene			20
	Diethyl phthalate	84-66-2	0.20	28
				28 28 28

See al definit	112222	200.00		
Di-n-octyl phthalate	117-84-0	0.017	28	
Ethyl acetate	141-78-6	0.34	33	
Ethylbenzene	100-41-4	0.057	10	
Methanol	67-56-1	5.6	NA	
Methyl ethyl ketone	78-93-3	0.28	36	
Methyl isobutyl ketone	108-10-1	0.14	33	
Methylene chloride	75-09-2	0.089	30	
Naphthalene	91-20-3	0.059	5.6	
Nitrobenzene	98-95-3	0.068	14	
Toluene	108-88-3	0.080	10	
1,1,1-Trichloroethane	71-55-6	0.054	6.0	
Trichloroethylene	79-01-6	0.054	6.0	
Xylenes-mixed isomers	1330-20-7	0.32	30	
(sum of o-, m-, and p-xylene				
concentrations)				
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP	
Cyanides (Total) ⁷	57-12-5	1.2	590	
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP	
K087				
Decanter tank tar sludge from co	king operations.			
Acenaphthylene	208-96-8	0.059	3.4	
Benzene	71-43-2	0.14	10	
Chrysene	218-01-9	0.059	3.4	
Fluoranthene	206-44-0	0.068	3.4	
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4	
Naphthalene	91-20-3	0.059	5.6	
Phenanthrene	85-01-8	0.059	5.6	
Toluene	108-88-3	0.080	10	
Xylenes-mixed isomers	1330-20-7	0.32	30	
(sum of o-, m-, and p-xylene				
concentrations)				
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP	
		a station	0.70 mg/01021	
K088				
Spent potliners from primary alu	minum reduction			
Spent pouniers from printary ard	initialiti reduction.			
Acenaphthene	83-32-9	0.059	3.4	
	120-12-7	0.059	3.4	
		0.0.17		
Anthracene Benz(a)anthracene	56-55-3	0.059	3.4	

Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene	205-99-2	0.11	6.8
Benzo(k)fluoranthene	207-08-9	0.11	6.8
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Fluoranthene	206-44-0	0.068	3.4
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	1.4	26.1 mg/ℓ
Barium	7440-39-3	1.2	21 mg/ℓ TCLP
Beryllium	7440-41-7	0.82	1.22 mg/l TCLP
Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Mercury	7439-97-6	0.15	0.025 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Selenium	7782-49-2	0.82	5.7 mg/l TCLP
Silver	7440-22-4	0.43	0.14 mg/l TCLP
Cyanide (Total) ⁷	57-12-5	1.2	590
Cyanide (Amenable) ⁷	57-12-5	0.86	30
Fluoride	16984-48-8	35	NA
K093			
Distillation light ends from the pro-	duction of phthali	c anhydride from o	ortho-xylene.
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
K094			
Distillation bottoms from the produ	action of phthalic	anhydride from ort	ho-xylene.

	Phthalic anhydride (measured as Phthalic acid or Terephthalic	100-21-0	0.055	28
	acid)			
	Phthalic anhydride (measured as Phthalic acid or Terephthalic	85-44-9	0.055	28
	acid)			
2388				
2389	K095			
2390				
2391 2392	Distillation bottoms from the produ	ction of 1,1,1-tri	chloroethane.	
	Hexachloroethane	67-72-1	0.055	30
	Pentachloroethane	76-01-7	0.055	6.0
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
	1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
	Tetrachloroethylene	127-18-4	0.056	6.0
	1,1,2-Trichloroethane	79-00-5	0.054	6.0
	Trichloroethylene	79-01-6	0.054	6.0
2393				
	K096			
2393 2394 2395	K096			
2394	K096 Heavy ends from the heavy ends co	olumn from the p	roduction of 1,1,1-t	richloroethane.
2394 2395		olumn from the p	roduction of 1,1,1-t	richloroethane.
2394 2395 2396		olumn from the p 541-73-1	roduction of 1,1,1-t 0.036	6.0
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane	541-73-1 76-01-7	0.036 0.055	6.0 6.0
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane	541-73-1 76-01-7 630-20-6	0.036 0.055 0.057	6.0 6.0 6.0
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane	541-73-1 76-01-7 630-20-6 79-34-6	0.036 0.055 0.057 0.057	6.0 6.0 6.0 6.0
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4	0.036 0.055 0.057 0.057 0.056	6.0 6.0 6.0 6.0 6.0
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1	0.036 0.055 0.057 0.057 0.056 0.055	6.0 6.0 6.0 6.0 6.0 19
2394 2395 2396	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5	0.036 0.055 0.057 0.057 0.056 0.055 0.054	
2394 2395 2396 2397	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1	0.036 0.055 0.057 0.057 0.056 0.055	6.0 6.0 6.0 6.0 6.0 19
2394 2395 2396 2397 2397	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5	0.036 0.055 0.057 0.057 0.056 0.055 0.054	
2394 2395 2396 2397 2397 2398 2398	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5	0.036 0.055 0.057 0.057 0.056 0.055 0.054	
2394 2395 2396 2397 2397 2398 2398 2399 2400	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene K097	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054	$ \begin{array}{c} 6.0\\ 6.0\\ 6.0\\ 6.0\\ 19\\ 6.0\\ 6.0\\ 6.0 \end{array} $
2394 2395 2396 2397 2397 2398 2399 2400 2401	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054	$ \begin{array}{c} 6.0\\ 6.0\\ 6.0\\ 6.0\\ 19\\ 6.0\\ 6.0\\ 6.0 \end{array} $
2394 2395 2396 2397 2397 2398 2398 2399 2400	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene K097	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0
2394 2395 2396 2397 2397 2398 2399 2400 2401	Heavy ends from the heavy ends co m-Dichlorobenzene Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene K097	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0
2394 2395 2396 2397 2397 2398 2399 2400 2401	 Heavy ends from the heavy ends composition m-Dichlorobenzene Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene K097 Vacuum stripper discharge from the Chlordane (α and χ isomers) Heptachlor 	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0
2394 2395 2396 2397 2397 2398 2398 2399 2400 2401	Heavy ends from the heavy ends composition of the heavy ends from the heavy ends commonly on the pentachlorobenzene for the formation of the	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6 e chlordane chlor 57-74-9 76-44-8 1024-57-3	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0 5.0 6.0 6.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6
2394 2395 2396 2397 2397 2398 2398 2399 2400 2401	 Heavy ends from the heavy ends composition m-Dichlorobenzene Pentachloroethane 1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane Tetrachloroethylene 1,2,4-Trichlorobenzene 1,1,2-Trichloroethane Trichloroethylene K097 Vacuum stripper discharge from the Chlordane (α and χ isomers) Heptachlor 	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6 e chlordane chlor 57-74-9 76-44-8	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0 6.0 0.066
2394 2395 2396 2397 2397 2398 2398 2399 2400 2401	Heavy ends from the heavy ends composition of the heavy ends from the heavy ends commonly on the pentachlorobenzene for the formation of the	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6 e chlordane chlor 57-74-9 76-44-8 1024-57-3	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0 5.0 6.0 6.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6
2394 2395 2396 2397 2397 2398 2399 2400 2401 2402	Heavy ends from the heavy ends composition of the heavy ends from the heavy ends commonly on the pentachlorobenzene for the formation of the	541-73-1 76-01-7 630-20-6 79-34-6 127-18-4 120-82-1 79-00-5 79-01-6 e chlordane chlor 57-74-9 76-44-8 1024-57-3	0.036 0.055 0.057 0.057 0.056 0.055 0.054 0.054 0.054	6.0 6.0 6.0 6.0 19 6.0 6.0 6.0 5.0 6.0 6.0 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6

2406 2407	Untreated process wastewater from	the production of	f toxaphene.	
2407	Toxaphene	8001-35-2	0.0095	2.6
2408	1 comparents		0.00000	2.0
2409	K099			
2410				
2411	Untreated wastewater from the pro-	duction of 2.4-D.		
2412	our the second sec			
	2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
	HxCDDs (All	NA	0.000063	0.001
	Hexachlorodibenzo-p-dioxins)			
	HxCDFs (All	55684-94-1	0.000063	0.001
	Hexachlorodibenzofurans)			01001
	PeCDDs (All	36088-22-9	0.000063	0.001
	Pentachlorodibenzo-p-dioxins)			
	PeCDFs (All	30402-15-4	0.000035	0.001
	Pentachlorodibenzofurans)			
	TCDDs (All	41903-57-5	0.000063	0.001
	Tetrachlorodibenzo-p-dioxins)		1000000	
	TCDFs (All	55722-27-5	0.000063	0.001
	Tetrachlorodibenzofurans)			
2413				
2414	K100			
2415				
2416	Waste leaching solution from acid	leaching of emiss	ion control dust or s	ludge from secondary
2417	lead smelting.	0		0
2418				
	Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
2419				2
2420	K101			
2421				
2422	Distillation tar residues from the di	stillation of anilir	ne-based compounds	in the production of
2423	veterinary pharmaceuticals from ar	senic or organo-a	rsenic compounds.	
2424				
	o-Nitroaniline	88-74-4	0.27	14
	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
	Cadmium	7440-43-9	0.69	NA
	Lead	7439-92-1	0.69	NA
	Mercury	7439-97-6	0.15	NA
2425				
2426	K102			

2427				
2428	Residue from the use of activat	ted carbon for decolor	rization in the prod	uction of veterinary
2429	pharmaceuticals from arsenic of			and the second
2430		U		
	o-Nitrophenol	88-75-5	0.028	13
	Arsenic	7440-38-2	1.4	5.0 mg/t TCLP
	Cadmium	7440-43-9	0.69	NA
	Lead	7439-92-1	0.69	NA
	Mercury	7439-97-6	0.15	NA
2431				2,22
2432	K103			
2433				
2434	Process residues from aniline e	extraction from the pr	oduction of aniline	S7
2435		1999 - 1999 - 1999 - 1997 - 1 99		
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	2,4-Dinitrophenol	51-28-5	0.12	160
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
2436				
2437	K104			
2438				
2439	Combined wastewater streams	generated from nitro	benzene or aniline	production.
2440		0		
	Aniline	62-53-3	0.81	14
	Benzene	71-43-2	0.14	10
	2,4-Dinitrophenol	51-28-5	0.12	160
	Nitrobenzene	98-95-3	0.068	14
	Phenol	108-95-2	0.039	6.2
	Cyanides (Total) ⁷	57-12-5	1.2	590
2441				
2442	K105			
2443				
2444	Separated aqueous stream from	n the reactor product	washing step in the	production of
2445	chlorobenzenes.		6 1	A COLORADO CONTRACTOR
2446				
	Benzene	71-43-2	0.14	10
	Chlorobenzene	108-90-7	0.057	6.0
	2-Chlorophenol	95-57-8	0.044	5.7
	o-Dichlorobenzene	95-50-1	0.088	6.0
	p-Dichlorobenzene	106-46-7	0.090	6.0
	Phenol	108-95-2	0.039	6.2
	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
	_, ,,c			

2,4,6-Trichlorophenol	88-06-2	0.035	7.4
K106			
K106 (wastewater treatme	ent sludge from the mercur	ry cell process in chlor	rine production)
onwastewaters that conta	in greater than or equal to	260 mg/kg total merc	cury.
Mercury	7439-97-6	NA	RMERC
K106			
C106 (wastewater treatme	ent sludge from the mercu	ry cell process in chlor	rine production)
ionwastewaters that conta	in less than 260 mg/kg tot	tal mercury that are re-	sidues from RMERC.
Mercury	7439-97-6	NA	0.20 mg/l TCLP
			1.1.1.1.1.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1
\$106			
Other K106 nonwastewate	ers that contain less than 2	60 mg/kg total mercu	ry and are not residues
rom RMERC.			A na manalan mar
Mercury	7439-97-6	NA	0.025 mg/l TCLP
K106			
All K106 wastewaters.			
Mercury	7439-97-6	0.15	NA
K107			
Column bottoms from pro	duct separation from the p	production of 1,1-dime	ethylhydrazine
(UDMH) from carboxylic			
NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	
		CARBN	
K108			

NTA	27.4	C) (DOT	010000
NA	NA	CMBST; or CHOXD fb	CMBST
		CARBN; or	
		BIODG fb	
		CARBN	
2222			
\$109			
Spent filter cartridges from	product purification fro	m the production of 1.	I-dimethylhyd
UDMH) from carboxylic		1	,,,,
NA	NA	CMBST; or	CMBST
NA	INA	CHOXD fb	CMDST
		CARBN; or	
		BIODG fb	
		CARBN	
7110			
K110			
Condensed column overhe	ads from intermediate se	paration from the prod	uction of 1 1-
Condensed column overhe limethylhydrazine (UDMI			uction of 1,1-
Condensed column overhe limethylhydrazine (UDMI			uction of 1,1-
		nydrazides. CMBST; or	
limethylhydrazine (UDMI	H) from carboxylic acid l	nydrazides. CMBST; or CHOXD fb	
limethylhydrazine (UDMI	H) from carboxylic acid l	nydrazides. CMBST; or CHOXD fb CARBN; or	
limethylhydrazine (UDMI	H) from carboxylic acid l	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb	
limethylhydrazine (UDMI	H) from carboxylic acid l	nydrazides. CMBST; or CHOXD fb CARBN; or	
limethylhydrazine (UDMI	H) from carboxylic acid l	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb	uction of 1,1- CMBST
limethylhydrazine (UDMI NA K111	4) from carboxylic acid l NA	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
limethylhydrazine (UDMI NA	4) from carboxylic acid l NA	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
limethylhydrazine (UDMI NA K111	4) from carboxylic acid l NA	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
limethylhydrazine (UDMI NA K111 Product washwaters from t	 from carboxylic acid I NA he production of dinitrot 	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST toluene.
limethylhydrazine (UDMI NA X111 Product washwaters from t 2,4-Dinitrotoluene	 from carboxylic acid I NA he production of dinitrot 121-14-2 	nydrazides. CMBST; or CHOXD fb CARBN; or BIODG fb CARBN oluene via nitration of 0.32	CMBST toluene. 140

2504				
	NA	NA	CMBST; or CHOXD fb CARBN; or BIODG fb CARBN	CMBST
2505				
2506	K113			
2507				
2508	Condensed liquid light ends f	from the purification of	toluenediamine in the	production of
2509	toluenediamine via hydrogen			
2510				
	NA	NA	CARBN; or CMBST	CMBST
2511				
2512	K114			
2513				
2514	Vicinals from the purification	n of toluenediamine in t	the production of tolue	enediamine via
2515	hydrogenation of dinitrotolue	ene.	log bour conse	
2516				
	NA	NA	CARBN; or CMBST	CMBST
2517				
2518	K115			
2519				
2520	Heavy ends from the purifica	tion of toluenediamine	in the production of to	oluenediamine via
2521	hydrogenation of dinitrotolue		· · · · · · · · · · · · · · · · · · ·	
2522				
	Nickel	7440-02-0	3.98	11 mg/l TCLP
	NA	NA	CARBN; or CMBST	CMBST
2523				
2524	K116			
2525				
2526	Organic condensate from the	solvent recovery colur	nn in the production of	f toluene diisocyanate
2527	via phosgenation of toluened		and have been a first of the second second	a verti and manager and a
2528	1 0			
	NA	NA	CARBN; or CMBST	CMBST
2529				
2530	K117			
2531				
2551				

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
Chloroform	67-66-3	0.046	6.0
Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028	15
K118			
Spent absorbent solids from put	ification of ethylene	e dibromide in the prod	luction of ethy
dibromide via bromination of et	hene.		
Methyl bromide	74-83-9	0.11	15
(Bromomethane) Chloroform	67-66-3	0.046	6.0
Ethylene dibromide (1,2-	106-93-4	0.048	15
Dibromoethane)	100-95-4	0.028	15
K123			
Process wastewater (including s	· · · · · · · · · · · · · · · · · · ·	and washwaters) from	the production
ethylenebisdithiocarbamic acid	and its solts		
entyreneoisaranoearoanne aera	and its saits.		
NA	NA	CMBST; or	CMBST
		CHOXD fb	CMBST
		CHOXD fb (BIODG or	CMBST
		CHOXD fb	CMBST
NA		CHOXD fb (BIODG or	CMBST
NA		CHOXD fb (BIODG or	CMBST
NA K124	NA	CHOXD fb (BIODG or CARBN)	
NA K124 Reactor vent scrubber water fro	NA m the production of	CHOXD fb (BIODG or CARBN)	amic acid and
NA K124	NA	CHOXD fb (BIODG or CARBN) fethylenebisdithiocarba CMBST; or	amic acid and
NA K124 Reactor vent scrubber water fro	NA m the production of	CHOXD fb (BIODG or CARBN) Fethylenebisdithiocarba CMBST; or CHOXD fb	amic acid and
NA K124 Reactor vent scrubber water fro	NA m the production of	CHOXD fb (BIODG or CARBN) fethylenebisdithiocarba CMBST; or	amic acid and
NA K124 Reactor vent scrubber water fro NA	NA m the production of	CHOXD fb (BIODG or CARBN) Fethylenebisdithiocarba CMBST; or CHOXD fb (BIODG or	CMBST amic acid and CMBST
NA K124 Reactor vent scrubber water fro	NA m the production of	CHOXD fb (BIODG or CARBN) Fethylenebisdithiocarba CMBST; or CHOXD fb (BIODG or	amic acid and
NA K124 Reactor vent scrubber water fro NA K125	NA m the production of NA	CHOXD fb (BIODG or CARBN) Fethylenebisdithiocarba CMBST; or CHOXD fb (BIODG or CARBN)	amic acid and
NA K124 Reactor vent scrubber water fro NA	NA m the production of NA	CHOXD fb (BIODG or CARBN) Fethylenebisdithiocarba CMBST; or CHOXD fb (BIODG or CARBN)	amic acid and

2557				
	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
2558				
2559	K126			
2560				
2561	Baghouse dust and floor sweepi	ngs in milling and p	ackaging operations fi	om the production or
2562	formulation of ethylenebisdithic			
2563				
	NA	NA	CMBST; or CHOXD fb (BIODG or CARBN)	CMBST
2564				
2565	K131			
2566				
2567	Wastewater from the reactor and	d spent sulfuric acid	from the acid drver fr	om the production of
2568	methyl bromide.			
2569				
	Methyl bromide (Bromomethane)	74-83-9	0.11	15
2570				
2571	K132			
2572				
2573	Spent absorbent and wastewater	separator solids fro	om the production of m	ethyl bromide.
2574				
	Methyl bromide	74-83-9	0.11	15
	(Bromomethane)			
2575	· · · · · · · · · · · · · · · · · · ·			
2576	K136			
2577				
2578	Still bottoms from the purificati	on of ethylene dibro	omide in the production	n of ethylene dibromide
2579	via bromination of ethene.			
2580				
	Methyl bromide	74-83-9	0.11	15
	(Bromomethane)	67 66 2	0.046	60
	Chloroform Ethylene dibromide (1,2-	67-66-3 106-93-4	0.046 0.028	6.0 15
	Dibromoethane)	100-95-4	0.028	15
2581				
2582	K141			

2583

2584 Process residues from the recovery of coal tar, including, but not limited to, collecting sump

2585 residues from the production of coke or the recovery of coke by-products produced from coal.

2586 This listing does not include K087 (decanter tank tar sludge from coking operations).

2587

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-2-8	0.061	3.4
Benzo(b)fluoranthene (difficult to distinguish from	205-99-2	0.11	6.8
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult to distinguish from	207-08-9	0.11	6.8
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

2588

2589 K142

2590

Tar storage tank residues from the production of coke from coal or from the recovery of coke byproducts produced from coal.

2593

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult to distinguish from	205-99-2	0.11	6.8
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult to distinguish from	207-08-9	0.11	6.8
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

2594

2595 K143

2596

Process residues from the recovery of light oil, including, but not limited to, those generated in
 stills, decanters, and wash oil recovery units from the recovery of coke by-products produced
 from coal.

Benzene	71-43-2	0.14	10

	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
	to distinguish from			
	benzo(k)fluoranthene)			
	Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
	to distinguish from			
	benzo(b)fluoranthene)	1	10 5 4 5 -	
	Chrysene	218-01-9	0.059	3.4
2601				
2602	K144			
2603			Charles and the L	Contract States and the second
2604	Wastewater sump residues from lig			
2605	contamination sump sludges from t	the recovery of c	oke by-products pr	oduced from coal.
2606	Benzene	71-43-2	0.14	10
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
	to distinguish from	205-99-2	0.11	0.0
	benzo(k)fluoranthene)			
	Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
	to distinguish from	207 00 9	0.11	0.0
	benzo(b)fluoranthene)			
	Chrysene	218-01-9	0.059	3.4
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2607	Divenz(u,ii)anun acene	55 10 5	0.005	0.2
2608	K145			
2609				
2610	Residues from naphthalene collection	ion and recovery	operations from th	e recovery of coke by-
2611	products produced from coal.			
2612				
	Benzene	71-43-2	0.14	10
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzo(a)pyrene	50-32-8	0.061	3.4
	Chrysene	218-01-9	0.059	3.4
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
	Naphthalene	91-20-3	0.059	5.6
2613				
2614	K147			
2615				
2616	Tar storage tank residues from coa	l tar refining		

2616 Tar storage tank residues from coal tar refining.

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			0.0
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			0.0
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
K148			
Residues from coal tar distillation,	including, but no	ot limited to, still bo	ttoms.
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			
benzo(k)fluoranthene)	1000-100-1	100.00	
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			
benzo(b)fluoranthene)		The second	
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
K149			
Distillation bottoms from the production to be a set of the product to be a		•	
toructies, benzovi chlorides, and co	inpounds with fi		cuonal groups. (This
	a from the distill	ations of hannyl abl	oride)
waste does not include still bottom	s from the distill	ations of benzyl chl	oride.)
waste does not include still bottom			
waste does not include still bottom Chlorobenzene	108-90-7	0.057	6.0
waste does not include still bottom Chlorobenzene Chloroform	108-90-7 67-66-3	0.057 0.046	6.0 6.0
waste does not include still bottom Chlorobenzene Chloroform Chloromethane	108-90-7 67-66-3 74-87-3	0.057 0.046 0.19	6.0 6.0 30
waste does not include still bottom Chlorobenzene Chloroform Chloromethane p-Dichlorobenzene	108-90-7 67-66-3 74-87-3 106-46-7	0.057 0.046 0.19 0.090	6.0 6.0 30 6.0
waste does not include still bottom Chlorobenzene Chloroform Chloromethane p-Dichlorobenzene Hexachlorobenzene	108-90-7 67-66-3 74-87-3 106-46-7 118-74-1	0.057 0.046 0.19 0.090 0.055	6.0 6.0 30 6.0 10
waste does not include still bottom Chlorobenzene Chloroform Chloromethane p-Dichlorobenzene	108-90-7 67-66-3 74-87-3 106-46-7	0.057 0.046 0.19 0.090	6.0 6.0 30 6.0

2630

2631 K150

2632

2633 Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and

2634 hydrochloric acid recovery processes associated with the production of α - (or methyl-)

- 2635 chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures
- 2636 of these functional groups.
- 2637

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Chloromethane	74-87-3	0.19	30
p-Dichlorobenzene	106-46-7	0.090	6.0
Hexachlorobenzene	118-74-1	0.055	10
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1,1,2,2- Tetrachloroethane	79-34-5	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19

2638

2639 K151

2640

2641 Wastewater treatment sludges, excluding neutralization and biological sludges, generated during

2642 the treatment of wastewaters from the production of α - (or methyl-) chlorinated toluenes, ring-

chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functionalgroups.

2644 2645

Benzene	71-43-2	0.14	10
Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Hexachlorobenzene	118-74-1	0.055	10
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
Tetrachloroethylene	127-18-4	0.056	6.0
Toluene	108-88-3	0.080	10

2646

2647 K156

- 2648
- 2649 Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and 2650 decantates) from the production of carbamates and carbamoyl oximes.

Acetonitrile	75-05-8	5.6	1.8
Acetophenone	98-86-2	0.010	9.7
Aniline	62-53-3	0.81	14

Benomyl ¹⁰		17804-35-2	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Benzene		71-43-2	0.14	10
Carbaryl ¹⁰		<u>63-25-263-25-</u> 21	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Carbenzadim ¹⁰)	10605-21-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Carbofuran ¹⁰		1563-66-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Carbosulfan ¹⁰		55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Chlorobenzene	e	108-90-7	0.057	6.0
Chloroform		67-66-3	0.046	6.0
o-Dichloroben	zene	95-50-1	0.088	6.0
Methomyl ¹⁰		16752-77-5	0.028; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Methylene chl	oride	75-09-2	0.089	30
Methyl ethyl k	tetone	78-93-3	0.28	36
Naphthalene		91-20-3	0.059	5.6
Phenol		108-95-2	0.039	6.2
Pyridine		110-86-1	0.014	16
Toluene		108-88-3	0.080	10
Triethylamine		121-44-8	0.081; or CMBST, CHOXD, BIODG or CARBN	1.5; or CMBST

2	6	5	1	

- 2652 K157
- 2653

Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters)from the production of carbamates and carbamoyl oximes.

75-09-2

2655	from the production of carban	nates and carbamoyl ox	times.	
	Carbon tetrachloride	56-23-5	0.057	6.0
	Chloroform	67-66-3	0.046	6.0
	Chloromethane	74-87-3	0.19	30
	Methomyl ¹⁰	16752-77-5	0.028; or CMBST, CHOXD, BIODG	0.14; or CMBST

Methylene chloride

30

or CARBN

0.089

Methyl ethyl ketone	78-93-3	0.28	36
Pyridine	110-86-1	0.014	16
Triethylamine	121-44-8	0.081; or CMBST,	1.5; or CMBST
		CHOXD, BIODG	

or CARBN

2657 K158

Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyloximes.

Benomy1 ¹⁰	17804-35-2	0.056; or CMBST, CHOXD, BIODG	1.4; or CMBSTP
Benzene	71-43-2	or CARBN 0.14	10
Carbenzadim ¹⁰	10605-21-7	0.14 0.056; or CMBST,	1.4; or CMBST
Carbonzachin	10003 21 7	CHOXD, BIODG or CARBN	1.4, 01 CMD51
Carbofuran ¹⁰	1563-66-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Carbosulfan ¹⁰	55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Chloroform	67-66-3	0.046	6.0
Methylene chloride	75-09-2	0.089	30
Phenol	108-95-2	0.039	6.2
K159			
Organics from the treatment o	f thiocarbamate wastes	s. ¹⁰	
Benzene	71-43-2	0.14	10
Butylate ¹⁰	2008-41-5	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
EPTC (Eptam) ¹⁰	759-94-4	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Molinate ¹⁰	2212-67-1	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST

		JCAR350728-	-1604611r01
Pebulate ¹⁰	1114-71-2	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBS7
Vernolate ¹⁰	1929-77-7	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBS
K161			
Purification solids (including fil	tration evanoration	and centrifugation solids) bachouse dust
and floor sweepings from the pr			
and noor sweepings nom me pr	outerion of unmoeu	rounate deles and then so	ans.
Antimony	7440-36-0	1.9	1.1511
Arsenic	7440-38-2	1.4	5.011
Carbon disulfide	75-15-0	3.8	4.811
Dithiocarbamates (total) ¹⁰	137-30-4	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
Lead	7439-92-1	0.69	0.7511
Nickel	7440-02-0	3.98	1111
Selenium	7782-49-2	0.82	5.711
K169			
(10)			
a 1 11 1 1			
Crude oil tank sediment from p	etroleum refining op	erations.	
and the second sec	etroleum refining op 56-55-3	erations. 0.059	3.4
Benz(a)anthracene Benzene			3.4 10
Benz(a)anthracene	56-55-3	0.059	
Benz(a)anthracene Benzene	56-55-3 71-43-2	0.059 0.14	10
Benz(a)anthracene Benzene Benzo(g,h,i)perylene	56-55-3 71-43-2 191-24-2	0.059 0.14 0.0055	10 1.8
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7	0.059 0.14 0.0055 0.059 0.057 0.059	10 1.8 3.4 10 3.4
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3	0.059 0.14 0.0055 0.059 0.057 0.059 0.059	10 1.8 3.4 10 3.4 5.6
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8	0.059 0.14 0.0055 0.059 0.057 0.059 0.059 0.059 0.059	10 1.8 3.4 10 3.4 5.6 5.6
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene Pyrene	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8 129-00-0	0.059 0.14 0.0055 0.059 0.057 0.059 0.059 0.059 0.059 0.059	10 1.8 3.4 10 3.4 5.6 5.6 8.2
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene Pyrene Toluene (Methyl Benzene)	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8 129-00-0 108-88-3	0.059 0.14 0.0055 0.059 0.057 0.059 0.059 0.059 0.059 0.067 0.080	10 1.8 3.4 10 3.4 5.6 5.6 8.2 10
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene Pyrene	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8 129-00-0	0.059 0.14 0.0055 0.059 0.057 0.059 0.059 0.059 0.059 0.059	10 1.8 3.4 10 3.4 5.6 5.6 8.2
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene Pyrene Toluene (Methyl Benzene)	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8 129-00-0 108-88-3	0.059 0.14 0.0055 0.059 0.057 0.059 0.059 0.059 0.059 0.067 0.080	10 1.8 3.4 10 3.4 5.6 5.6 8.2 10
Benz(a)anthracene Benzene Benzo(g,h,i)perylene Chrysene Ethyl benzene Fluorene Naphthalene Phenanthrene Pyrene Toluene (Methyl Benzene) Xylenes (Total)	56-55-3 71-43-2 191-24-2 218-01-9 100-41-4 86-73-7 91-20-3 81-05-8 129-00-0 108-88-3 1330-20-7	$\begin{array}{c} 0.059\\ 0.14\\ 0.0055\\ 0.059\\ 0.059\\ 0.059\\ 0.059\\ 0.059\\ 0.059\\ 0.067\\ 0.080\\ 0.32 \end{array}$	10 1.8 3.4 10 3.4 5.6 5.6 8.2 10

Benzene	71-43-2	0.14	10
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Ethyl benzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	3.4
Indeno(1,2,3,-cd)pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total	1330-20-7	0.32	30

2682

- 2683 K171
- 2684

2685 Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to 2686 desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

2686 2687

Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Chrysene	218-01-9	0.059	3.4
Ethyl benzene	100-41-4	0.057	10
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Arsenic	7740-38-2	1.4	5 mg/l TCLP
Nickel	7440-02-0	3.98	11.0 mg/l TCLP
Vanadium	7440-62-2	4.3	1.6 mg/ℓ TCLP
Reactive sulfides	NA	DEACT	DEACT

2688

- 2689 K172
- 2690

2691 Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to 2692 desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

Benzene	71-43-2	0.14	10
Ethyl benzene	100-41-4	0.057	10
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Antimony	7740-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7740-38-2	1.4	5 mg/l TCLP

Nickel	7440-02-0	3.98	11.0 mg/ℓ TCLP
Vanadium	7440-62-2	4.3	1.6 mg/ℓ TCLP
Reactive Sulfides	NA	DEACT	DEACT
K174			
Wastewater treatment sludge from t	he production of o	ethylene dicholoride o	or vinyl choloride
monomer.			
1,2,3,4,6,7,8-	35822-46-9	0.000035 or	0.0025 or
Heptachlorodibenzo-p-dioxin		CMBST ¹¹	CMBST ¹¹
(1,2,3,4,6,7,8-HpCDD)			child's r
1,2,3,4,6,7,8-	67562-39-4	0.000035 or	0.0025 or
Heptachlorodibenzofuran	100 A 02 03 1 3	CMBST ¹¹	CMBST ¹¹
(1,2,3,4,6,7,8-HpCDF)			
1,2,3,4,7,8,9-	55673-89-7	0.000035 or	0.0025 or
Heptachlorodibenzofuran		CMBST ¹¹	CMBST ¹¹
(1,2,3,4,7,8,9-HpCDF)			
All hexachlorodibenzo-p-dioxins	34465-46-8	0.000063 or	0.001 or CMBST ¹¹
(HxCDDs)		CMBST ¹¹	
All hexachlorodibenzofurans	55684-94-1	0.000063 or	0.001 or CMBST ¹¹
(HxCDFs)		CMBST ¹¹	
1,2,3,4,6,7,8,9-	3268-87-9	0.000063 or	0.005 or CMBST ¹¹
Octachlorodibenzo-p-dioxin		CMBST ¹¹	
(1,2,3,4,6,7,8,9-OCDD)			
1,2,3,4,6,7,8,9-	39001-02-0	0.000063 or	0.005 or CMBST ¹¹
Octachlorodibenzofuran		CMBST ¹¹	
(1,2,3,4,6,7,8,9-OCDF)			A CONTRACT OF
All pentachlorodibenzo-p-	36088-22-9	0.000063 or	0.001 or CMBST ¹¹
dioxins (PeCDDs)		CMBST ¹¹	
All pentachlorodibenzofurans	30402-15-4	0.000035 or	0.001 or CMBST ¹¹
(PeCDFs)		CMBST ¹¹	
All tetrachlorodibenzo-p-dioxins	41903-57-5	0.000063 or	0.001 or CMBST ¹¹
(TCDDs)		CMBST ¹¹	
All tetrachlorodibenzofurans	55722-27-5	0.000063 or	0.001 or CMBST ¹¹
(TCDFs)		CMBST ¹¹	
Arsenic	7440-36-0	1.4	5.0 mg/l TCLP

K175

Wastewater treatment sludge from the production of vinyl choloride monomer using mercuric chloride catalyst in an acetylene-based process.

		JCAR3507	28-1604611r01
Mercury ¹² PH ¹²	7439-97-6	NA NA	0.025 mg/ℓ TCL pH ≤ 6.0
K175			
All K175 wastewaters.			
Mercury	7439-97-6	0.15	NA
K176			
Baghouse filters from the produc		-	from the production o
intermediates e.g., antimony meta	al or crude antimon	y oxide).	
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLI
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCL
Lead	7439-92-1	0.69	0.75 mg/ℓ TCL
Mercury	7439-97-6	0.15	0.025 mg/{ TC
K177			
Slag from the production of antir including slag from the productio oxide).			
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCL
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCL
K178			
Residues from manufacturing an	d manufacturing-sit	e storage of ferric chl	oride from acids
formed during the production of	titanium dioxide usi	ing the chloride-ilmer	ite process.
1,2,3,4,6,7,8-	35822-46-9	0.000035 or	0.0025 or
	100 C C C C C C C C C C C C C C C C C C	CMBST ¹¹	CMBST ¹¹
Heptachlorodibenzo-p-dioxin (1.2.3.4.6.7.8-HpCDD)			
Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-HpCDD) 1,2,3,4,6,7,8-	67562-39-4	0.000035 or	0.0025 or

1,2,3,4,7,8,9-	55673-89-7	0.000035 or	0.0025 or
Heptachlorodibenzofuran		CMBST ¹¹	CMBST ¹¹
(1,2,3,4,7,8,9-HpCDF)			
HxCDDs (All	34465-46-8	0.000063 or	0.001 or CMBST ¹¹
Hexachlorodibenzo-p-dioxins)		CMBST ¹¹	
HxCDFs (All	55684-94-1	0.000063 or	0.001 or CMBST ¹¹
Hexachlorodibenzofurans)		CMBST ¹¹	
1,2,3,4,6,7,8,9-	3268-87-9	0.000063 or	0.005 or CMBST ¹¹
Octachlorodibenzo-p-dioxin	5200 01 9	CMBST ¹¹	
(1,2,3,4,6,7,8,9-OCDD)		CIIIDOT	
1,2,3,4,6,7,8,9-	39001-02-0	0.000063 or	0.005 or CMBST ¹¹
Octachlorodibenzofuran	57001-02-0	CMBST ¹¹	0.000 01 010001
(OCDF)		CIVIDST	
PeCDDs (All	36088-22-9	0.000063 or	0.001 or CMBST ¹¹
	30088-22-9	CMBST ¹¹	0.001 01 CMB31
Pentachlorodibenzo-p-dioxins)	30402-15-4		0.001 or CMBST ¹¹
PeCDFs (All	30402-13-4	0.000035 or	0.001 of CMBS1
Pentachlorodibenzofurans)	11000 55 5	CMBST ¹¹	
TCDDs (All	41903-57-5	0.000063 or	0.001 or CMBST ¹¹
Tetrachlorodibenzo-p-dioxins)		CMBST ¹¹	
TCDFs (All	55722-27-5	0.000063 or	0.001 or CMBST ¹¹
Tetrachlorodibenzofurans)		CMBST ¹¹	
Thallium	7440-28-0	1.4	0.20 mg/ℓ TCLP
			and the second second second second

2730

2731 K181

2732

2733 Nonwastewaters from the production of dyes or pigments (including nonwastewaters

commingled at the point of generation with nonwastewaters from other processes) that, at the
point of generation, contain mass loadings of any of the constituents identified in Section
721.132(c) which are equal to or greater than the corresponding Section 721.132(c) levels, as
determined on a calendar-year basis.

Aniline	62-53-3	0.81	14
o-Anisidine (2-methoxyaniline)	90-04-0	0.010	0.66
4-Chloroaniline	106-47-8	0.46	16
p-Cresidine	120-71-8	0.010	0.66
2,4-Dimethylaniline (2,4- xylidine)	95-68-1	0.010	0.66
1,2-Phenylenediamine	95-54-5	CMBST; or	CMBST; or
		CHOXD fb	CHOXD fb
		(BIODG or	(BIODG or
		CARBN); or	CARBN); or
		BIODG fb	BIODG fb
		CARBN	CARBN

739	1,3-Phenylenediamine	108-45-2	0.010	0.66
740	P001			
741	1001			
742	Warfarin, & salts, when presen	t at concentrations of	reater than 0.3 percent	
743	warrann, & saits, when preser	it at concentrations gi	icater mail 0.5 percent.	
	Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
744				
745	P002			
746				
747	1-Acetyl-2-thiourea. 1-Acetyl-2-thiourea	591-08-2	(WETOX or CHOXD) fb CARBN; or	CMBST
= 10			CMBST	
748	Daga			
749	P003			
750				
751	Acrolein.			
752				
	Acrolein	107-02-8	0.29	CMBST
753				
754	P004			
755				
756	Aldrin.			
757				
	Aldrin	309-00-2	0.021	0.066
758				
759	P005			
760	and a start as			
761	Allyl alcohol.			
762				
	Allyl alcohol	107-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
763				
764	P006			
765				
	Aluminum phosphide.			

2767	Aluminum phosphide	20859-73-8	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
2768				
2769	P007			
2770				
2771	5-Aminomethyl-3-isoxazolol.			
2772	5-Aminomethyl-3-isoxazolol	2763-96-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2773	Doog			
2774	P008			
2775 2776	4 Aminonymiding			
2770	4-Aminopyridine.			
	4-Aminopyridine	504-24-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2778				
2779	P009			
2780	1			
2781	Ammonium picrate.			
2782	Ammonium picrate	131-74-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
2783				
2784	P010			
2785				
2786	Arsenic acid.			
2787		23 12 23 24		a la la maria
	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
2788				
2789	P011			
2790	10.10 A. 7 . 7 . 4 . 4 .			
2791	Arsenic pentoxide.			
2792	A	7440-38-2	1.4	5.0 mall TOLD
2702	Arsenic	/440-38-2	1.4	5.0 mg/ℓ TCLP
2793 2794	P012			
2194	1012			

7440-38-2	14	5.0 mg/l TCLP
7110 50 2	1.1	5.0 mg/t TCEI
	24.0	100000000000
		21 mg/ℓ TCLP
		590
57-12-5	0.86	30
108-98-5	(WETOX or	CMBST
	CMBST	
7440-41-7	RMETL;or	RMETL; or
	RTHRM	RTHRM
romethyl)ether).		
510 00 1	(WETOY an	CMDST
542-88-1		CMBST
		7440-39-3 57-12-5NA 1.2 57-12-557-12-50.86108-98-5(WETOX or CHOXD) fb CARBN; or CMBST7440-41-7RMETL;or RTHRMromethyl)ether).

	Bromoacetone	598-31-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2823				
2824	P018			
2825				
2826	Brucine.			
2827			and the second	
	Brucine	357-57-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2828				
2829	P020			
2830				
2831	2-sec-Butyl-4,6-dinitrophenol (Din	noseb).		
2832		1	G ALLON	
	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
2833	Doot			
2834	P021			
2835	C.1.:			
2836	Calcium cyanide.			
2837	Guaridas (Total)7	57-12-5	1.2	590
	Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	57-12-5	0.86	30
2838	Cyanides (Antenable)	57-12-5	0.80	50
2838	P022			
2840	1 022			
2841	Carbon disulfide.			
2842	curton unsumation			
	Carbon disulfide	75-15-0	3.8	CMBST
	Carbon disulfide; alternate ⁶ standard for nonwastewaters only	75-15-0	NA	4.8 mg/ℓ TCLP
2843				
2844	P023			
2845				
2846	Chloroacetaldehyde.			
2847				

	Chloroacetaldehyde	107-20-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2848			CIVIDOT	
2849	P024			
2849	1024			
2850	p-Chloroaniline.			
	p-Chloroannine.			
2852	a Chlansenilina	106-47-8	0.46	16
2952	p-Chloroaniline	100-47-8	0.46	16
2853	D02 (
2854	P026			
2855				
2856	1-(o-Chlorophenyl)thiourea.			
2857	1-(o-Chlorophenyl)thiourea	5344-82-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2858				
2859	P027			
2860				
2861	3-Chloropropionitrile.			
2862	5 emereproprenumer			
2002	3-Chloropropionitrile	542-76-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2863				
2864	P028			
2865				
2866	Benzyl chloride.			
2867				
	Benzyl chloride	100-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2868				
2869	P029			
2870	and the Ma			
2871	Copper cyanide.			
2872	FF			
20.2	Cyanides (Total) ⁷	57-12-5	1.2	590

	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2873				
2874	P030			
2875				
2876	Cyanides (soluble salts and comple	exes).		
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
2877				
2878	P031			
2879				
2880	Cyanogen.			
2881				
	Cyanogen	460-19-5	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
2882				
2883	P033			
2884				
2885	Cyanogen chloride.			
2886				
	Cyanogen chloride	506-77-4	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
2887				
2888	P034			
2889				
2890	2-Cyclohexyl-4,6-dinitrophenol.			
2891				
	2-Cyclohexyl-4,6-dinitrophenol	131-89-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2892				
2893	P036			
2894				
2895	Dichlorophenylarsine.			
2896				
	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
2897				
2898	P037			
2899				
2900	Dieldrin.			
2901				

			JCAR350728-1604611r01	
	Dieldrin	60-57-1	0.017	0.13
2902				
2903	P038			
2904				
2905	Diethylarsine.			
2906		Sec. 12. 2.	- 11 A	1.
	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
2907				
2908	P039			
2909	Shine shares and			
2910	Disulfoton.			
2911	and the state		3423	
4124	Disulfoton	298-04-4	0.017	6.2
2912	01.4			
2913	P040			
2914		194 - S. 1		
2915	O,O-Diethyl-O-pyrazinyl-phosphor	othioate.		
2916		110023	0.124.65	and the second second
	O,O-Diethyl-O-	297-97-2	CARBN; or	CMBST
	pyrazinylphosphorothioate		CMBST	
2917	120.12			
2918	P041			
2919				
2920	Diethyl-p-nitrophenyl phosphate.			
2921				
	Diethyl-p-nitrophenyl phosphate	311-45-5	CARBN; or	CMBST
			CMBST	
2922	2010			
2923	P042			
2924				
2925	Epinephrine.			
2926	F : 1 :	F1 42 4	AUTTOX	C) (D) (T)
	Epinephrine	51-43-4	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
2027			CMBST	
2927	D042			
2928	P043			
2929	Diagona life and the (DED)			
2930 2931	Diisopropylfluorophosphate (DFP).			
2931	Diisopropylfluorophosphate	55-91-4	CARBN; or	CMBST

2932				
2933	P044			
2934				
2935	Dimethoate.			
2936				
	Dimethoate	60-51-5	CARBN; or CMBST	CMBST
2937				
2938	P045			
2939				
2940	Thiofanox.			
2941				
	Thiofanox	39196-18-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2942				
2943	P046			
2944				
2945	α, α -Dimethylphenethylamine.			
2946				
2947	α, α -Dimethylphenethylamine	122-09-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2948	P047			
2949	1047			
2950	4,6-Dinitro-o-cresol.			
2951	4,0-Dinitio o cresoi.			
2751	4,6-Dinitro-o-cresol	543-52-1	0.28	160
2952	4,0-Dillitio-0-cresor	545-52-1	0.20	100
2953	P047			
2954	1017			
2955	4,6-Dinitro-o-cresol salts.			
2956	1,0 Dinitio o cresor suits.			
2750	NA	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2957				
2958	P048			
2959	A. 574			

			JCAR3507	28-1604611r01	
2960	2,4-Dinitrophenol.				
2961		12021		1.25	
	2,4-Dinitrophenol	51-28-5	0.12	160	
2962					
2963	P049				
2964					
2965	Dithiobiuret.				
2966					
	Dithiobiuret	541-53-7	(WETOX or	CMBST	
			CHOXD) fb CARBN; or		
			CMBST		
2967			CIVIDOT		
2968	P050				
2969	1050				
2970	Endosulfan.				
2971	Lindosulturi.				
27/1	Endosulfan I	939-98-8	0.023	0.066	
	Endosulfan II	33213-6-5	0.029	0.13	
	Endosulfan sulfate	1031-07-8	0.029	0.13	
2972	Endostinun sunde	1051 07 0	0.022	0.15	
2973	P051				
2974					
2975	Endrin.				
2976	and the second				
2017	Endrin	72-20-8	0.0028	0.13	
	Endrin aldehyde	7421-93-4	0.025	0.13	
2977					
2978	P054				
2979					
2980	Aziridine.				
2981					
	Aziridine	151-56-4	(WETOX or	CMBST	
			CHOXD) fb		
			CARBN; or		
			CMBST		
2982					
2983	P056				
2984					
2985	Fluorine.				
2986					
	Fluoride (measured in	16984-48-8	35	ADGAS fb	
	wastewaters only)	16964-48-8		NEUTR	

2987				
2988	P057			
2989				
2990	Fluoroacetamide.			
2991				
	Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2992				
2993	P058			
2994				
2995	Fluoroacetic acid, sodium salt.			
2996				
	Fluoroacetic acid, sodium salt	62-74-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2997				
2998	P059			
2999				
3000	Heptachlor.			
3001				
	Heptachlor Heptachlor epoxide	76-44-8 1024-57-3	0.0012 0.016	0.066 0.066
3002				
3003	P060			
3004				
3005	Isodrin.			
3006				
	Isodrin	465-73-6	0.021	0.066
3007				
3008	P062			
3009				
3010	Hexaethyl tetraphosphate.			
3011				
	Hexaethyl tetraphosphate	757-58-4	CARBN; or CMBST	CMBST
3012				
3013	P063			
3014				
3015	Hydrogen cyanide.			
3016				
1.1.2.2.				

	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
3017				
3018	P064			
3019				
3020	Isocyanic acid, ethyl ester.			
3021				
	Isocyanic acid, ethyl ester	624-83-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3022				
3023	P065			
3024	1000			
3025	P065 (mercury fulminate) nonw	astewaters regardles	ss of their total mercu	ry content, that are not
3026	incinerator residues or are not re			, - ontoin, mut no not
3027				
	Mercury	7439-97-6	NA	IMERC
3028	moreary	1105 51 0		millito
	P065			
3029	P065			
3029 3030		astewaters that are e	ither incinerator resid	ues or are residues
3029 3030 3031	P065 (mercury fulminate) nonw			
3029 3030 3031 3032				
3029 3030 3031	P065 (mercury fulminate) nonw from RMERC; and contain grea	ter than or equal to 2	260 mg/kg total mercu	ıry.
3029 3030 3031 3032 3033	P065 (mercury fulminate) nonw			
3029 3030 3031 3032 3033 3034	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury	ter than or equal to 2	260 mg/kg total mercu	ıry.
3029 3030 3031 3032 3033 3034 3035	P065 (mercury fulminate) nonw from RMERC; and contain grea	ter than or equal to 2	260 mg/kg total mercu	ıry.
3029 3030 3031 3032 3033 3034 3034 3035 3036	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065	ter than or equal to 2 7339-97-6	260 mg/kg total mercu NA	ıry. RMERC
3029 3030 3031 3032 3033 3034 3034 3035 3036 3037	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065 P065 (mercury fulminate) nonw	ter than or equal to 2 7339-97-6	260 mg/kg total mercu NA	ıry. RMERC
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065	ter than or equal to 2 7339-97-6	260 mg/kg total mercu NA	ıry. RMERC
3029 3030 3031 3032 3033 3034 3034 3035 3036 3037	 P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. 	ter than or equal to 2 7339-97-6 astewaters that are r	260 mg/kg total mercu NA esidues from RMERC	ry. RMERC
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065 P065 (mercury fulminate) nonw	ter than or equal to 2 7339-97-6	260 mg/kg total mercu NA	ıry. RMERC
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury	ter than or equal to 2 7339-97-6 astewaters that are r	260 mg/kg total mercu NA esidues from RMERC	ry. RMERC
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041	 P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. 	ter than or equal to 2 7339-97-6 astewaters that are r	260 mg/kg total mercu NA esidues from RMERC	ry. RMERC
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6	260 mg/kg total mercu NA esidues from RMERC NA	ry. RMERC and contain less than 0.20 mg/ℓ TCLP
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6	260 mg/kg total mercu NA esidues from RMERC NA	ry. RMERC and contain less than 0.20 mg/ℓ TCLP
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6	260 mg/kg total mercu NA esidues from RMERC NA	ry. RMERC and contain less than 0.20 mg/ℓ TCLP
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw mg/kg total mercury.	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6 astewaters that are i	260 mg/kg total mercu NA esidues from RMERC NA ncinerator residues an	ry. RMERC and contain less than 0.20 mg/ℓ TCLP d contain less than 260
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045	P065 (mercury fulminate) nonw from RMERC; and contain grea Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6	260 mg/kg total mercu NA esidues from RMERC NA	ry. RMERC and contain less than 0.20 mg/ℓ TCLP d contain less than 260
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045 3046	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw mg/kg total mercury. Mercury	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6 astewaters that are i	260 mg/kg total mercu NA esidues from RMERC NA ncinerator residues an	ry. RMERC and contain less than 0.20 mg/ℓ TCLP d contain less than 260
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045 3046 3047	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw mg/kg total mercury.	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6 astewaters that are i	260 mg/kg total mercu NA esidues from RMERC NA ncinerator residues an	ry. RMERC and contain less than 0.20 mg/ℓ TCLP d contain less than 260
3029 3030 3031 3032 3033 3034 3035 3036 3037 3038 3039 3040 3041 3042 3043 3044 3045 3046	P065 (mercury fulminate) nonw from RMERC; and contain great Mercury P065 P065 (mercury fulminate) nonw 260 mg/kg total mercury. Mercury P065 P065 (mercury fulminate) nonw mg/kg total mercury. Mercury	ter than or equal to 2 7339-97-6 astewaters that are r 7439-97-6 astewaters that are in 7439-97-6	260 mg/kg total mercu NA esidues from RMERC NA ncinerator residues an	ry. RMERC and contain less than 0.20 mg/ℓ TCLP

3050	dim .			
2051	Mercury	7439-97-6	0.15	NA
3051 3052	P066			
3052	F000			
3054	Methomyl.			
3055	ivie along i.			
	Methomyl	16752-77-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3056				
3057	P067			
3058				
3059	2-Methyl-aziridine.			
3060	2-Methyl-aziridine	75-55-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3061			CIVIDOT	
3062	P068			
3063	1000			
3064	Methyl hydrazine.			
3065				
	Methyl hydrazine	60-34-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED, or CMBST
3066				
3067	P069			
3068	2 Mathella staritaila			
3069 3070	2-Methyllactonitrile.			
5070	2-Methyllactonitrile	75-86-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3071				
3072	P070			
3073				
3074	Aldicarb.			
3075				

	Aldicarb	116-06-3	(WETOX or CHOXD) fb	CMBST
			CARBN; or CMBST	
3076			CMBST	
3077	P071			
3078				
3079	Methyl parathion.			
3080				
	Methyl parathion	298-00-0	0.014	4.6
3081				
3082	P072			
3083				
3084	1-Naphthyl-2-thiourea.			
3085				
	1-Naphthyl-2-thiourea	86-88-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3086			CINIDOT	
3087	P073			
3088	10/5			
3089	Nickel carbonyl.			
3090	i ilener euroonju			
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
3091			2005	31 10 0 1 1 1 1 1
3092	P074			
3093				
3094	Nickel cyanide.			
3095				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
3096				
3097	P075			
3098				
3099	Nicotine and salts.			
3100				
	Nicotine and salts	54-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3101				

3102	P076			
3103				
3104	Nitric oxide.			
3105				
	Nitric oxide	10102-43-9	ADGAS	ADGAS
3106		64 C 6 17 C		
3107	P077			
3108				
3109	p-Nitroaniline.			
3110	p-rutroamme.			
5110	NT:	100 01 0	0.028	28
	p-Nitroaniline	100-01-6	0.028	28
3111	and the second se			
3112	P078			
3113				
3114	Nitrogen dioxide.			
3115				
	Nitrogen dioxide	10102-44-0	ADGAS	ADGAS
3116				
3117	P081			
3118	1 081			
	Nite			
3119	Nitroglycerin.			
3120	dent to that	and the last		
	Nitroglycerin	55-63-0	CHOXD; CHRED; CARBN; BIODG or CMBST	CHOXD; CHRED; or CMBST
3121				
3122	P082			
3123	1002			
3124	N Nitrogodimathulamina			
	N-Nitrosodimethylamine.			
3125		(0.75.0	0.10	
102.2	N-Nitrosodimethylamine	62-75-9	0.40	2.3
3126				
3127	P084			
3128				
3129	N-Nitrosomethylvinylamine.			
3130				
	N-Nitrosomethylvinylamine	4549-40-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3131				
3132	P085			

3134	Octamethylpyrophosphoramide.			
3135				
	Octamethylpyrophosphoramide	152-16-9	CARBN; or CMBST	CMBST
3136				
3137	P087			
3138				
3139	Osmium tetroxide.			
3140				
	Osmium tetroxide	20816-12-0	RMETL; or RTHRM	RMETL; or RTHRM
3141				
3142	P088			
3143				
3144	Endothall.			
3145	Endothall	145-73-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3146			CINIDOT	
3147	P089			
3148	1009			
3149	Parathion.			
3150				
3151	Parathion	56-38-2	0.014	4.6
3152	P092			
3153				
3154	P092 (phenyl mercuric acetate) no	nwastewaters, reg	ardless of their total n	nercury content, that
3155	are not incinerator residues or are			
3156				
	Mercury	7439-97-6	NA	IMERC; or RMERC
3157				
3158	P092			
3159				
3160	P092 (phenyl mercuric acetate) no	nwastewaters that	are either incinerator	residues or are
3161	residues from RMERC; and still c	ontain greater than	n or equal to 260 mg/k	g total mercury.
3162				
	Mercury	7439-97-6	NA	RMERC
3163				
3164	P092			

 $\mathbf{T}^{(i)}$

P092 (phenyl mercurio	c acetate) nonwastewaters that	are residues from RM	IERC and contain less
than 260 mg/kg total n	2		
Mercury	7439-97-6	NA	0.20 mg/l TCLP
P092			
	c acetate) nonwastewaters that	are incinerator residu	es and contain less
than 260 mg/kg total r	nercury.		
		- 62	
Mercury	7439-97-6	NA	0.025 mg/ℓ TCLF
0000			
P092			
All DOO2 (mhanvil mar	curic acetate) wastewaters.		
An F092 (phenyi men	une acciaic) wasiewaters.		
Mercury	7439-97-6	0.15	NA
Wereary	1455 77 0	0.15	1414
P093			
Phenylthiourea.			
Phenylthiourea	103-85-5	(WETOX or	CMBST
		CHOXD) fb	
		CARBN; or	
		CMBST	
D004			
P094			
Phorate.			
i norate.			
Phorate	298-02-2	0.021	4.6
Thorace	290 02 2	0.021	1.0
P095			
Phosgene.			
Phosgene	75-44-5	(WETOX or	CMBST
		CHOXD) fb	
		CARBN; or	
		CMBST	

3196	P096			
3197				
3198	Phosphine.			
3199			and the distance of the second second	
	Phosphine	7803-51-2	CHOXD; CHRED;	CHOXD; CHRED;
			or CMBST	or CMBST
3200				
3201	P097			
3202				
3203	Famphur.			
3204	1 umphun			
5201	Famphur	52-85-7	0.017	15
3205	Tampiur	52-65-7	0.017	15
	0008			
3206	P098			
3207				
3208	Potassium cyanide.			
3209				
	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
3210				
3211	P099			
3212				
3213	Potassium silver cyanide.			
3214	roubbruin birrer ey under			
5214	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
	Silver	7440-22-4	0.43	
2015	Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
3215	D101			
3216	P101			
3217	and the second			
3218	Ethyl cyanide (Propanenitrile).			
3219				
	Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
3220				
3221	P102			
3222				
3223	Propargyl alcohol.			
3224	Tiopuigraitonon			
5224	Propargyl alcohol	107-19-7	(WETOX or	CMBST
	Topargyraconor	107-19-7		CIVIDOT
			CHOXD) fb	
			CARBN; or	
			CMBST	
3225				

3225

3226 3227	P103				
3228 3229	Selenourea.				
5225	Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP	
3230					
3231	P104				
3232					
3233	Silver cyanide.				
3234					
	Cyanides (Total) ⁷	57-12-5	1.2	590	
	Cyanides (Amenable) ⁷	57-12-5	0.86	30	
	Silver	7440-22-4	0.43	0.14 mg/l TCLP	
3235	Sector Sector Sector				
3236	P105				
3237					
3238	Sodium azide.				
3239	a. v	0.000.000	CULOUR CURER	CHOID CUDED	
	Sodium azide	26628-22-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST	
3240					
3241	P106				
3242					
3243	Sodium cyanide.				
3244					
	Cyanides (Total) ⁷	57-12-5	1.2	590	
	Cyanides (Amenable) ⁷	57-12-5	0.86	30	
3245					
3246	P108				
3247					
3248	Strychnine and salts.				
3249					
	Strychnine and salts	57-24-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
3250					
3251	P109				
3252					
3253	Tetraethyldithiopyrophosphate.				
3254					

	Tetraethyldithiopyrophosphate	3689-24-5	CARBN; or CMBST	CMBST
3255				
3256	P110			
3257				
3258	Tetraethyl lead.			
3259				
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
3260	Dout	0.000 000		on o mg o rour
3261	P111			
3262				
3263	Tetraethylpyrophosphate.			
3264	retractifyipyrophosphate.			
5204	Tetraethylpyrophosphate	107-49-3	CARBN; or CMBST	CMBST
3265				
3266	P112			
3267				
3268	Tetranitromethane.			
3269	- Contraction of the second second			
	Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3270				
3271	P113			
3272				
3273	Thallic oxide.			
3274				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
3275				
3276	P114			
3277				
3278	Thallium selenite.			
3279				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
3280				
3281	P115			
3282				
3283	Thallium (I) sulfate.			
3284	mannan (1) sunate.			
5207	Thallium (measured in	7440-28-0	1.4	RTHRM; or
		7470-20-0	1.7	STABL
	wastewaters only)			

3285				
3286	P116			
3287				
3288	Thiosemicarbazide.			
3289	and the second second	Satisate	COMPANY OF A	
	Thiosemicarbazide	79-19-6	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
1223			CMBST	
3290				
3291	P118			
3292				
3293	Trichloromethanethiol.			
3294				
	Trichloromethanethiol	75-70-7	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
			CMBST	
3295				
3296	P119			
3297				
3298	Ammonium vanadate.			
3299				
	Vanadium (measured in	7440-62-2	4.3	STABL
	wastewaters only)			
3300				
3301	P120			
3302				
3303	Vanadium pentoxide.			
3304	1			
	Vanadium (measured in	7440-62-2	4.3	STABL
	wastewaters only)			
3305				
3306	P121			
3307				
3308	Zinc cyanide.			
3309	Line of Lineor			
5505	Cyanides (Total) ⁷	57-12-5	1.2	590
	Cyanides (Amenable) ⁷	57-12-5	0.86	30
3310	Cyamaes (rimenaole)	51 12 5	0.00	50
3311	P122			
3312	1 122			
3313	Zinc phosphide Zn ₃ P ₂ , when pr	ecent at concentratio	ns greater than 10 nor	cent
5515	Zine phospinde Zitir 2, when ph	cont at concentratio	ns greater man to per	cont.

3314	and the second se	10000	and the states	Add Street Street Street	
	Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST	
3315					
3316	P123				
3317					
3318	Toxaphene.				
3319					
	Toxaphene	8001-35-2	0.0095	2.6	
3320					
3321	P127				
3322	10				
3323	Carbofuran. ¹⁰				
3324		1500 000	0.00 <i>C</i> 01 mpm		
	Carbofuran	1563-66-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST	
3325	Sec				
3326	P128				
3327	1 10				
3328	Mexacarbate. ¹⁰				
3329	Mexacarbate	315-18-4	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
3330					
3331	P185				
3332					
3333	Tirpate. ¹⁰				
3334					
	Tirpate	26419-73-8	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST	
3335					
3336	P188				
3337					
3338	Physostigimine salicylate. ¹⁰				
3339			a second and the second	8.5 A. C. 100 100 100	
	Physostigmine salicylate	57-64-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
3340					
2241	D100				

3341 P189

3342				
3343	Carbosulfan. ¹⁰			
3344				
	Carbosulfan	55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3345			or criticity	
3346	P190			
3347				
3348	Metolcarb.10			
3349	in the second se			
	Metolcarb	1129-41-5	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3350				
3351	P191			
3352				
3353	Dimetilan. ¹⁰			
3354				
	Dimetilan	644-64-4	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3355				
3356	P192			
3357				
3358	Isolan. ¹⁰			
3359				
	Isolan	119-38-0	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3360				
3361	P194			
3362				
3363	Oxamyl. ¹⁰			
3364				
	Oxamyl	23135-22-0	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST
3365				
3366	P196			
3367				
3368	Manganese dimethyldithic	ocarbamates (total). ¹⁰		
3369				

	Dithiocarbamates (total)	NA	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
3370				
3371	P197			
3372	10			
3373	Formparanate. ¹⁰			
3374			Second States	a to manual and
	Formparanate	17702-57-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3375				
3376	P198			
3377				
3378	Formetanate hydrochloride. ¹⁰			
3379		S. Second	a hear the second	A local designed
	Formetanate hydrochloride	23422-53-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3380				
3381	P199			
3382				
3383	Methiocarb. ¹⁰			
3384				
	Methiocarb	2032-65-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3385				
3386	P201			
3387				
3388	Promecarb. ¹⁰			
3389				
	Promecarb	2631-37-0	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3390				
3391	P202			
3392	0 1 1 1 1 10			
3393	m-Cumenyl methylcarbamate. ¹⁰			
3394	0 1 1 1 1	C1 00 C	0.056	14.0000
	m-Cumenyl methylcarbamate	64-00-6	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST

3395				
3396	P203			
3397				
3398	Aldicarb sulfone. ¹⁰			
3399				
	Aldicarb sulfone	1646-88-4	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST
3400				
3401	P204			
3402				
3403	Physostigmine. ¹⁰			
3404	,			
	Physostigmine	57-47-6	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
3405				
3406	P205			
3407				
3408	Ziram. ¹⁰			
3409				
	Dithiocarbamates (total)	NA	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
3410				
3411	U001			
3412				
3413	Acetaldehyde.			
3414				
	Acetaldehyde	75-07-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3415				
3416	U002			
3417				
3418	Acetone.			
3419				
	Acetone	67-64-1	0.28	160
3420				
3421	U003			
3422				
3423	Acetonitrile.			

3424				
	Acetonitrile	75-05-8	5.6	CMBST
	Acetonitrile; alternate ⁶ standard	75-05-8	NA	38
	for nonwastewaters only			
3425				
3426	U004			
3427				
3428	Acetophenone.			
3429			a second	
	Acetophenone	98-86-2	0.010	9.7
3430				
3431	U005			
3432	and the second			
3433	2-Acetylaminofluorene.			
3434			and the second	and a second
	2-Acetylaminofluorene	53-96-3	0.059	140
3435				
3436	U006			
3437	State a succession			
3438	Acetyl chloride.			
3439		21202		
	Acetyl chloride	75-36-5	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
2440			CMBST	
3440	11007			
3441	U007			
3442	A			
3443	Acrylamide.			
3444	Annalamida	79-06-1	WETOV	CMDGT
	Acrylamide	79-00-1	(WETOX or	CMBST
			CHOXD) fb CARBN; or	
			CMBST	
3445			CIVIDST	
3446	U008			
3447	0008			
3448	Acrylic acid.			
3449	Activite deld.			
5447	Acrylic acid	79-10-7	(WETOX or	CMBST
	Acrylic acid	19-10-1	CHOXD) fb	CIVIDST
			CARBN; or	
			CMBST	
			CIVIDOT	

3450				
3451	U009			
3452				
3453	Acrylonitrile.			
3454				
	Acrylonitrile	107-13-1	0.24	84
3455				
3456	U010			
3457				
3458	Mitomycin C.			
3459				
	Mitomycin C	50-07-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3460				
3461	U011			
3462				
3463	Amitrole.			
3464				
	Amitrole	61-82-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3465				
3466	U012			
3467				
3468	Aniline.			
3469				
	Aniline	62-53-3	0.81	14
3470				
3471	U014			
3472				
3473	Auramine.			
3474				
	Auramine	492-80-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3475				
3476	U015			
3477				
3478	Azaserine.			

3479		115.00.0	(HITTON)	C) (DOT
	Azaserine	115-02-6	(WETOX or CHOXD) fb CARBN; or	CMBST
			CMBST	
3480				
3481	U016			
3482	D ()			
3483	Benz(c)acridine.			
3484	Benz(c)acridine	225-51-4	(WETOX or CHOXD) fb CARBN; or	CMBST
			CMBST	
3485				
3486	U017			
3487				
3488	Benzal chloride.			
3489	Derror Labla de	00 07 2	WETON	CMDCT
	Benzal chloride	98-87-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3490	11010			
3491	U018			
3492	D () d			
3493	Benz(a)anthracene.			
3494	Dense(a) anthere are	56-55-3	0.050	2.4
3495	Benz(a)anthracene	30-33-3	0.059	3.4
3495	U019			
3490	0019			
3498	Benzene.			
3499	Benzene.			
5477	Benzene	71-43-2	0.14	10
3500	Delizene	/1-+5-2	0.14	10
3501	U020			
3502	0020			
3502	Benzenesulfonyl chloride.			
3504	Benzenesunonyi emoriae.			
5504				

	Benzenesulfonyl chloride	98-09-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3505			CINDDI	
3506	U021			
3507	0021			
3508	Benzidine.			
3509	Dennamer			
	Benzidine	92-87-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3510				
3511	U022			
3512				
3513	Benzo(a)pyrene.			
3514				
	Benzo(a)pyrene	50-32-8	0.061	3.4
3515				
3516	U023			
3517				
3518	Benzotrichloride.			
3519				
2520	Benzotrichloride	98-07-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3520	11024			
3521	U024			
3522	his (2 Chlassetham) mathema			
3523	bis(2-Chloroethoxy)methane.			
3524	his (2 Chloreathaux) mathema	111-91-1	0.036	7.2
2525	bis(2-Chloroethoxy)methane	111-91-1	0.030	7.2
3525 3526	11025			
	U025			
3527 3528	bis(2-Chloroethyl)ether.			
	bis(2-Chioroeuryr)ether.			
3529	bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
3530	bis(2-Chioroeuryr)ether	111-44-4	0.033	0.0
3530	U026			
3532	0020			
3532	Chlornaphazine.			
5555	Chlornaphazine.			

3534	Chlomonhorino	494-03-1	WETOY	CMDST
	Chlornaphazine	494-03-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3535				
3536	U027			
3537				
3538	bis(2-Chloroisopropyl)ether.			
3539				
	bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
3540	C. C			
3541	U028			
3542				
3543	bis(2-Ethylhexyl)phthalate.			
3544				
	bis(2-Ethylhexyl)phthalate	117-81-7	0.28	28
3545				
3546	U029			
3547				
3548	Methyl bromide (Bromomethane).			
3549				
	Methyl bromide (Bromomethane)	74-83-9	0.11	15
3550				
3551	U030			
3552				
3553	4-Bromophenyl phenyl ether.			
3554				
	4-Bromophenyl phenyl ether	101-55-3	0.055	15
3555				
3556	U031			
3557				
3558	n-Butyl alcohol.			
3559				
	n-Butyl alcohol	71-36-3	5.6	2.6
3560				
3561	U032			
3562				
3563	Calcium chromate.			
3564				
	Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
3565	and and a second			and and them

2500	11022			
3566	U033			
3567	Carbon and Inonida			
3568	Carbon oxyfluoride.			
3569	Carken aurfluerida	353-50-4	WETON	CMDGT
	Carbon oxyfluoride	353-50-4	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
2570			CMBST	
3570	11024			
3571	U034			
3572	T 11 (011 1)			
3573	Trichloroacetaldehyde (Chloral).			
3574	T • • • • • • • • • • • • • • • • • • •		an a	
	Trichloroacetaldehyde (Chloral)	75-87-6	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
			CMBST	
3575	1100.5			
3576	U035			
3577				
3578	Chlorambucil.			
3579				
	Chlorambucil	305-03-3	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
1000			CMBST	
3580	10000			
3581	U036			
3582	123 (2.5)			
3583	Chlordane.			
3584		11.1.1.1	Market .	1.2.1
	Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
3585				
3586	U037			
3587				
3588	Chlorobenzene.			
3589				
	Chlorobenzene	108-90-7	0.057	6.0
3590				
3591	U038			
3592				
3593	Chlorobenzilate.			
3594				

Chlorobenzilate	510-15-6	0.10	CMBST
11020			
0039			
a Chloro an orogal			
p-Chloro-m-cresol.			
p-Chloro-m-cresol	59-50-7	0.018	14
U041			
Epichlorohydrin (1-Chloro-2,3-epo	xypropane).		
Epichlorohydrin (1-Chloro-2,3- epoxypropane)	106-89-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U042			
2-Chloroethyl vinyl ether.			
2-Chloroethyl vinyl ether	110-75-8	0.062	CMBST
U043			
Vinyl chloride.			
Vinyl chloride	75-01-4	0.27	6.0
U044			
Chloroform.			
Chloroform	67-66-3	0.046	6.0
U045			
Chloromethane (Methyl chloride).			
	74-87-3	0.19	30
U046			
	U039 p-Chloro-m-cresol. p-Chloro-m-cresol U041 Epichlorohydrin (1-Chloro-2,3-epo Epichlorohydrin (1-Chloro-2,3-epox) Epichlorohydrin (1-Chloro-2,3-epox) Epichlorohydrin (1-Chloro-2,3-epox) Chloroethyl vinyl ether. 2-Chloroethyl vinyl ether. 2-Chloroethyl vinyl ether. U043 Vinyl chloride. Vinyl chloride. Vinyl chloride. Vinyl chloride. U044 Chloroform. Chloroform. U045 Chloromethane (Methyl chloride).	U039p-Chloro-m-cresol.p-Chloro-m-cresol59-50-7U041Epichlorohydrin (1-Chloro-2,3- vropane).Epichlorohydrin (1-Chloro-2,3- uffers)Epichlorohydrin (1-Chloro-2,3- uffers)20422-Chloroethyl vinyl ether.2-Chloroethyl vinyl ether.2-Chloroethyl vinyl ether110-75-8U043Vinyl chloride.Vinyl chloride.Vinyl chloride.Vinyl chloride.044U044Chloroform.Chloroform.Chloroform.Chloroform045Chloromethane (Methyl chloride).Chloromethane (Methyl chloride).	U039p-Chloro-m-cresol.p-Chloro-m-cresol59-50-70.018U041Epichlorohydrin (1-Chloro-2,3-epoxypropane).Vertox or Choxop fo CARBN; or CMBSTEpichlorohydrin (1-Chloro-2,3- epoxypropane)106-89-8(WETOX or CHOXD) fo CARBN; or CMBSTU0422-Chloroethyl vinyl ether.110-75-80.0622-Chloroethyl vinyl ether.110-75-80.062U043Vinyl chloride.75-01-40.27U04410-400.27U04410-400.27U04510451046Chloroform.67-66-30.046U04510451045Chloromethane (Methyl chloride).74-87-30.19

Chloromethyl methyl ether.			
Chloromethyl methyl ether	107-30-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U047			
2-Chloronaphthalene.			
2-Chloronaphthalene	91-58-7	0.055	5.6
J048			
0048			
2-Chlorophenol.			
2-Chlorophenol	95-57-8	0.044	5.7
U049			
5045			
4-Chloro-o-toluidine hydrochlor	ride.		
		and the second second	
4-Chloro-o-toluidine hydrochloride	3165-93-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U050			
Chrysene.			
child serie.			
Chrysene	218-01-9	0.059	3.4
U051			
Creosote.			
C1005010.			
Naphthalene	91-20-3	0.059	5.6
Pentachlorophenol	07 07 5	0.089	7.4
	87-86-5		
Phenanthrene Pyrene	87-86-5 85-01-8 129-00-0	0.089 0.059 0.067	5.6 8.2

	Toluene	108-88-3	0.080	10
	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
	Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
3655	Delu	1135 52 1	0.07	0.75 mg/t TODI
3656	U052			
3657				
3658	Cresols (Cresylic acid).			
3659		the second		
	o-Cresol	95-48-7	0.11	5.6
	m-Cresol (difficult to distinguish	108-39-4	0.77	5.6
	from p-cresol)	106 11 5	0.77	
	p-Cresol (difficult to distinguish	106-44-5	0.77	5.6
	from m-cresol) Cresol-mixed isomers (Cresylic	1319-77-3	0.88	11.2
	acid)	1319-77-3	0.00	11.2
	(sum of o-, m-, and p-cresol			
	concentrations)			
3660	,			
3661	U053			
3662				
3663	Crotonaldehyde.			
3664		1.		
	Crotonaldehyde	4170-30-3	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
3665			CMBST	
3666	U055			
3667	0055			
3668	Cumene.			
3669				
	Cumene	98-82-8	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
			CMBST	
3670				
3671	U056			
3672				
3673	Cyclohexane.			
3674				

	Cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3675			1.25,25,2.6	
3676	U057			
3677				
3678	Cyclohexanone.			
3679				
	Cyclohexanone Cyclohexanone; alternate ⁶ standard for nonwastewaters only	108-94-1 108-94-1	0.36 NA	CMBST 0,75 mg/& TCLP
3680				
3681	U058			
3682				
3683	Cyclophosphamide.			
3684	Cyclophosphamide	50-18-0	CARBN; or CMBST	CMBST
3685	11111			
3686	U059			
3687				
3688	Daunomycin.			
3689	Deve amusin	20830-81-3	(WETOX or	CMBST
	Daunomycin	20830-81-3	CHOXD) fb CARBN; or CMBST	CIVIDS1
3690				
3691	U060			
3692				
3693	DDD.			
3694				
	o,p'-DDD	53-19-0	0.023	0.087
	p,p'-DDD	72-54-8	0.023	0.087
3695				
3696	U061			
3697				
3698	DDT.			
3699	IDDT	700.00.0	0.0020	0.007
	o,p'-DDT	789-02-6	0.0039	0.087
	p,p'-DDT	50-29-3	0.0039	0.087

	o,p'-DDD	53-19-0	0.023	0.087
	p,p'-DDD	72-54-8	0.023	0.087
	o,p'-DDE	3424-82-6	0.031	0.087
	p,p'-DDE	72-55-9	0.031	0.087
3700				
3701	U062			
3702				
3703	Diallate.			
3704				
	Diallate	2303-16-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3705				
3706	U063			
3707	0005			
3708	Dibenz(a,h)anthracene.			
3709	Divenz(u,ii)ununueene.			
5105	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
3710	Dibenz(u,ii)unun ucene	55 10 5	0.055	0.2
3711	U064			
3712	0001			
3713	Dibenz(a,i)pyrene.			
3714	Dibenz(a,1)pyrene.			
5714	Dibenz(a,i)pyrene	189-55-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3715				
3716	U066			
3717				
3718	1,2-Dibromo-3-chloropropane.			
3719				
	1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
3720				
3721	U067			
3722				
3723	Ethylene dibromide (1,2-Dibromo	ethane).		
3724				
5121	Ethylene dibromide (1,2- Dibromoethane)	106-93-4	0.028	15
3725				
3726	U068			

3727				
3728	Dibromomethane.			
3729				
	Dibromomethane	74-95-3	0.11	15
3730				
3731	U069			
3732				
3733	Di-n-butyl phthalate.			
3734				
	Di-n-butyl phthalate	84-74-2	0.057	28
3735				
3736	U070			
3737				
3738	o-Dichlorobenzene.			
3739				
	o-Dichlorobenzene	95-50-1	0.088	6.0
3740				
3741	U071			
3742				
3743	m-Dichlorobenzene.			
3744				
	m-Dichlorobenzene	541-73-1	0.036	6.0
3745				
3746	U072			
3747				
3748	p-Dichlorobenzene.			
3749				
	p-Dichlorobenzene	106-46-7	0.090	6.0
3750				
3751	U073			
3752				
3753	3,3'-Dichlorobenzidine.			
3754				
	3,3'-Dichlorobenzidine	91-94-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3755			0	
3756	U074			
3757				
3758	1,4-Dichloro-2-butene.			
3759	-,			
5155				

	cis-1,4-Dichloro-2-butene	1476-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	trans-1,4-Dichloro-2-butene	764-41-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3760				
3761	U075			
3762 3763	Dichlorodifluoromethane.			
3764	Diemorodinuoromethane.			
5704	Dichlorodifluoromethane	75-71-8	0.23	7.2
3765				
3766	U076			
3767				
3768	1,1-Dichloroethane.			
3769	1.1 Diablemethane	75-34-3	0.059	6.0
3770	1,1-Dichloroethane	75-54-5	0.039	0.0
3771	U077			
3772	o ann			
3773	1,2-Dichloroethane.			
3774				
	1,2-Dichloroethane	107-06-2	0.21	6.0
3775				
3776	U078			
3777	1.1 Disklans athedana			
3778 3779	1,1-Dichloroethylene.			
5115	1,1-Dichloroethylene	75-35-4	0.025	6.0
3780	1,1 Diemoroemyrene	10.00		0.0
3781	U079			
3782				
3783	1,2-Dichloroethylene.			
3784				
2705	trans-1,2-Dichloroethylene	156-60-5	0.054	30
3785	11080			
3786 3787	U080			
3788	Methylene chloride.			
3789				

2700	Methylene chloride	75-09-2	0.089	30
3790 3791 3792	U081			
3792 3793 3794	2,4-Dichlorophenol.			
3795	2,4-Dichlorophenol	120-83-2	0.044	14
3796 3797	U082			
3798 3799	2,6-Dichlorophenol.			
3800	2,6-Dichlorophenol	87-65-0	0.044	14
3801 3802	U083			
3803 3804	1,2-Dichloropropane.			
3805	1,2-Dichloropropane	78-87-5	0.85	18
3806 3807	U084			
3808 3809	1,3-Dichloropropylene.			
	cis-1,3-Dichloropropylene trans-1,3-Dichloropropylene	10061-01-5 10061-02-6	0.036 0.036	18 18
3810 3811 3812	U085			
3812 3813 3814	1,2 <u>.</u> ÷3,4-Diepoxybutane.			
5014	<u>1,2,3,4-Diepoxybutane</u> Diepoxybutane	1464-53-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3815 3816	U086			
3817 3818	N,N'-Diethylhydrazine.			
3819				
	N,N'-Diethylhydrazine	1615-80-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST

3820	11097			
3821 3822	U087			
3823 3824	O,O-Diethyl-S-methyldithiopho	osphate.		
	O,O-Diethyl-S- methyldithiophosphate	3288-58-2	CARBN; or CMBST	CMBST
3825				
3826	U088			
3827	Distingly https://			
3828	Diethyl phthalate.			
3829	Diethyl phthalate	84-66-2	0.20	28
3830	Dieuryi phinaiate	84-00-2	0.20	20
3831	U089			
3832	0009			
3833	Diethyl stilbestrol.			
3834	Diomyroniocouch			
	Diethyl stilbestrol	56-53-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3835				
3836	U090			
3837				
3838	Dihydrosafrole.			
3839				
	Dihydrosafrole	94-58-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3840				
3841	U091			
3842	and a state of the second			
3843	3,3'-Dimethoxybenzidine.			
3844	2.21.01 1 1 11	110.00.4	AUTTON	C) (DCT
	3,3'-Dimethoxybenzidine	119-90-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3845				
3846	U092			
3847				

3847

			JCAR350728-1604611r01		
3848	Dimethylamine.				
3849	Dimethylamine	124-40-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
3850	11000				
3851	U093				
3852 3853 3854	p-Dimethylaminoazobenzene.				
3855	p-Dimethylaminoazobenzene	60-11-7	0.13	CMBST	
3856	U094				
857	0071				
858	7,12-Dimethylbenz(a)anthracene.				
8859					
	7,12-Dimethylbenz(a)anthracene	57-97-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
3860					
861	U095				
862					
863	3,3'-Dimethylbenzidine.				
864		1.2025	had st.	and the second	
865	3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
866	U096				
867	0000				
868	α , α -Dimethyl benzyl hydroperoxic	le			
869	a, a Bineary benzy nyaroperoxie				
	α, α-Dimethyl benzyl hydroperoxide	80-15-9	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST	
3870			an annaith		
3871	U097				
872					
012					
8873	Dimethylcarbamoyl chloride.				

	Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3875				
3876	U098			
3877				
3878	1,1-Dimethylhydrazine.			
3879		2007 0		
dener	1,1-Dimethylhydrazine	57-14-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3880				
3881	U099			
3882 3883	1,2-Dimethylhydrazine.			
3884	1,2-Dimetrymydrazme.			
5004	1,2-Dimethylhydrazine	540-73-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3885			of CIVIDS1	
3886	U101			
3887				
3888	2,4-Dimethylphenol.			
3889				
	2,4-Dimethylphenol	105-67-9	0.036	14
3890				
3891	U102			
3892 3893	Dimethul aktholate			
3893	Dimethyl phthalate.			
5074	Dimethyl phthalate	131-11-3	0.047	28
3895	Dimoniyi pininini			
3896	U103			
3897				
3898	Dimethyl sulfate.			
3899				
	Dimethyl sulfate	77-78-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
3900				
3901	U105			
3902				

3903 3904	2,4-Dinitrotoluene.			
3904	2,4-Dinitrotoluene	121-14-2	0.32	140
3905				
3906	U106			
3907				
3908	2,6-Dinitrotoluene.			
3909				
	2,6-Dinitrotoluene	606-20-2	0.55	28
3910				
3911	U107			
3912				
3913	Di-n-octyl phthalate.			
3914				- 14 M
	Di-n-octyl phthalate	117-84-0	0.017	28
3915				
3916	U108			
3917	110			
3918 3919	1,4-Dioxane.			
5717	1,4-Dioxane	123-91-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3920	1,4-Dioxane; alternate ⁶ standard for nonwastewaters only	123-91-1	12.0	170
3921	U109			
3922	0109			
3923	1,2-Diphenylhydrazine.			
3924	1,2 Dipitenyiny anazine.			
5721	1,2-Diphenylhydrazine	122-66-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
	1,2-Diphenylhydrazine; alternate ⁶ standard for wastewaters only	122-66-7	0.087	NA
3925				
3926	U110			
3927				
3928	Dipropylamine.			
3929				

3929

	Dipropylamine	142-84-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3930				
3931	U111			
3932				
3933	Di-n-propylnitrosamine.			
3934	1 17			
3935	Di-n-propylnitrosamine	621-64-7	0.40	14
3936	U112			
3937	0112			
3938	Ethyl acetate.			
3939	Ediff declate.			
5757	Ethyl acetate	141-78-6	0.34	33
3940	Duryr acetaic	111 /0 0	0.51	55
3941	U113			
3942	0115			
3943	Ethyl acrylate.			
3944	Ediff delyfate.			
3945	Ethyl acrylate	140-88-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3946	U114			
3947	UIII			
3948	Ethylenebisdithiocarbamic acid sal	ts and esters		
3949	Entry teneors and no current to a sur	is und esters.		
	Ethylenebisdithiocarbamic acid	111-54-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3950	3.37.17			
3951	U115			
3952				
3953	Ethylene oxide.			
3954				
	Ethylene oxide	75-21-8	(WETOX or CHOXD) fb CARBN; or CMBST	CHOXD; or CMBST

	Ethylene oxide; alternate ⁶ standard for wastewaters only	75-21-8	0.12	NA
3955				
3956	U116			
3957				
3958	Ethylene thiourea.			
3959				
	Ethylene thiourea	96-45-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3960				
3961	U117			
3962				
3963	Ethyl ether.			
3964				
	Ethyl ether	60-29-7	0.12	160
3965				
3966	U118			
3967				
3968	Ethyl methacrylate.			
3969	and the second			
	Ethyl methacrylate	97-63-2	0.14	160
3970				
3971	U119			
3972				
3973	Ethyl methane sulfonate.			
3974				
	Ethyl methane sulfonate	62-50-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
3975				
3976	U120			
3977				
3978	Fluoranthene.			
3979				
	Fluoranthene	206-44-0	0.068	3,4
3980				
3981	U121			
3982				
3983	Trichloromonofluoromethane.			
3984				

ehyde. dehyde ucid. acid	50-00-0 64-18-6	(WETOX or CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	CMBST
dehyde ucid.		CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	
dehyde ucid.		CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	
dehyde ucid.		CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	
wid.		CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	
wid.		CHOXD) fb CARBN; or CMBST (WETOX or CHOXD) fb CARBN; or	
	64-18-6	CHOXD) fb CARBN; or	CMBST
	64-18-6	CHOXD) fb CARBN; or	CMBST
	64-18-6	CHOXD) fb CARBN; or	CMBST
	64-18-6	CHOXD) fb CARBN; or	CMBST
acid	64-18-6	CHOXD) fb CARBN; or	CMBST
acid	64-18-6	CHOXD) fb CARBN; or	CMBST
		CMBST	
	110-00-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
d	98-01-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
aldehyde.			
	l aldehyde.		CHOXD) fb CARBN; or CMBST

	Glycidylaldehyde	765-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4010			CIVIDOT	
4011	U127			
4012	0127			
4013	Hexachlorobenzene.			
4014	Tiexaemorooenzene.			
1011	Hexachlorobenzene	118-74-1	0.055	10
4015	The second se	110 / 11	0.000	10
4016	U128			
4017				
4018	Hexachlorobutadiene.			
4019				
	Hexachlorobutadiene	87-68-3	0.055	5.6
4020				810
4021	U129			
4022				
4023	Lindane.			
4024				
	a-BHC	319-84-6	0.00014	0.066
	β-ВНС	319-85-7	0.00014	0.066
	δ-BHC	319-86-8	0.023	0.066
	γ-BHC (Lindane)	58-89-9	0.0017	0.066
4025	1 (20000	
4026	U130			
4027				
4028	Hexachlorocyclopentadiene.			
4029				
	Hexachlorocyclopentadiene	77-47-4	0.057	2.4
4030				
4031	U131			
4032				
4033	Hexachloroethane.			
4034				
	Hexachloroethane	67-72-1	0.055	30
4035				
4036	U132			
4037				
4038	Hexachlorophene.			
4039				

	Hexachlorophene	70-30-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4040			CMD51	
4041	U133			
4042				
4043	Hydrazine.			
4044		1212 14 2	الموطنية المتدويتية	and the startes
	Hydrazine	302-01-2	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
4045				
4046	U134			
4047	1			
4048	Hydrogen fluoride.			
4049	Fluoride (measured in wastewaters only)	7664-39-3	35	ADGAS fb NEUTR; or NEUTR
4050				NLO IR
4051	U135			
4052				
4053	Hydrogen sulfide.			
4054				
	Hydrogen sulfide	7783-06-4	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
4055	A Billion			
4056	U136			
4057	0			
4058	Cacodylic acid.			
4059	Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
4060	Aisenie	7440-30-2	1.4	5.0 mg/c TCLI
4061	U137			
4062	0137			
4063	Indeno(1,2,3-cd)pyrene.			
4064	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
4065				
	Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
4066				
4067	T1138			

4067 U138

4068				
4069	Iodomethane.			
4070				
	Iodomethane	74-88-4	0.19	65
4071				
4072	U140			
4073				
4074	Isobutyl alcohol.			
4075				
	Isobutyl alcohol	78-83-1	5.6	170
4076				
4077	U141			
4078				
4079	Isosafrole.			
4080				
	Isosafrole	120-58-1	0.081	2.6
4081			101212	
4082	U142			
4083				
4084	Kepone.			
4085				
19.5 5	Kepone	143-50-8	0.0011	0.13
4086	1		54.00 M	- Control
4087	U143			
4088				
4089	Lasiocarpine.			
4090	1			
1000 5	Lasiocarpine	303-34-4	(WETOX or	CMBST
	Contract Sector 1		CHOXD) fb	
			CARBN; or	
			CMBST	
4091				
4092	U144			
4093				
4094	Lead acetate.			
4095				
	Lead	7439-92-1	0.69	0.75 mg/l TCLP
4096				
4097	U145			
4098				
4099	Lead phosphate.			
4100	The set of			
	Lead	7439-92-1	0.69	0.75 mg/{ TCLP
				0.000

4101				
4102	U146			
4103				
4104	Lead subacetate.			
4105				
	Lead	7439-92-1	0.69	0.75 mg/{ TCLP
4106				0
4107	U147			
4108				
4109	Maleic anhydride.			
4110				
	Maleic anhydride	108-31-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4111				
4112	U148			
4113				
4114	Maleic hydrazide.			
4115				
	Maleic hydrazide	123-33-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4116				
4117	U149			
4118				
4119	Malononitrile.			
4120				
	Malononitrile	109-77-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4121				
4122	U150			
4123				
4124	Melphalan.			
4125				
	Melphalan	148-82-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4126				

U151			
U151 (mercury) nonwastewat	ters that contain greater	than or equal to 2	260 mg/kg total mercury.
Mercury	7439-97-6	NA	RMERC
U151			
U151 (mercury) nonwastewat residues from RMERC only.	ters that contain less th	an 260 mg/kg tota	l mercury and that are
Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
U151			
U151 (mercury) nonwastewat residues from RMERC only.	ters that contain less th	an 260 mg/kg tota	l mercury and that are not
Mercury	7439-97-6	NA	0.025 mg/ℓ TCLI
U151			
All U151 (mercury) wastewa	ter.		
Mercury	7439-97-6	0.15	NA
U151			
Elemental Mercury Contamir	nated with Radioactive	Materials.	
Mercury	7439-97-6	NA	AMLGM
U152			
Methacrylonitrile.			
Methacrylonitrile	126-98-7	0.24	84
U153			
Methanethiol.			

	Methanethiol	74-93-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4163			Chibbi	
4164	U154			
4165	A			
4166	Methanol.			
4167	Methanol	67-56-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	Methanol; alternate ⁶ set of standards for both wastewaters and nonwastewaters	67-56-1	5.6	0.75 mg/ℓ TCLP
4168				
4169	U155			
4170				
4171	Methapyrilene.			
4172		20 24 2	1.134	
11.50	Methapyrilene	91-80-5	0.081	1.5
4173				
4174	U156			
4175	Mathed ablances have to			
4176 4177	Methyl chlorocarbonate.			
	Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4178	111.00			
4179	U157			
4180	2 Mathelahalanthrana			
4181	3-Methylcholanthrene.			
4182	3-Methylcholanthrene	56-49-5	0.0055	15
4183	5-Weary tenorantimene	50-47-5	0.0055	15
4184	U158			
4185				
4186	4,4'-Methylene bis(2-chloroaniline).		
4187	· · · · · · · · · · · · · · · · · · ·			

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4,4'-Methylene bis(2- chloroaniline)	101-14-4	0.50	30
U159			
0139			
Methyl ethyl ketone.			
chemyr emyr ketone.			
Methyl ethyl ketone	78-93-3	0.28	36
U160			
Methyl ethyl ketone peroxide.			
Methyl ethyl ketone peroxide	1338-23-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U161			
Methyl isobutyl ketone.			
inearly insocially instance.			
Methyl isobutyl ketone	108-10-1	0.14	33
U162			
Methyl methacrylate.			
Methyl methacrylate	80-62-6	0.14	160
ineniyi methaciyine	00 02-0	0.17	100
U163			
N-Methyl-N'-nitro-N-nitrosoguan	idine.		
		(11)	
N-Methyl-N'-nitro-N-	70-25-7	(WETOX or	CMBST
nitrosoguanidine		CHOXD) fb CARBN; or	
		CMBST	
		CHILDUT	
U164			
Methylthiouracil.			

e (5)

	Methylthiouracil	56-04-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4218				
4219	U165			
4220				
4221	Naphthalene.			
4222				
	Naphthalene	91-20-3	0.059	5.6
4223				
4224	U166			
4225				
4226	1,4-Naphthoquinone.			
4227	1,4-Naphthoquinone	130-15-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4228	11.12			
4229	U167			
4230	1 31 1 4 1			
4231 4232	1-Naphthylamine.			
4232	1-Naphthylamine	134-32-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4233				
4234	U168			
4235				
4236	2-Naphthylamine.			
4237		and the second	1.5	1
1923	2-Naphthylamine	91-59-8	0.52	CMBST
4238				
4239	U169			
4240				
4241	Nitrobenzene.			
4242	Niteral	00.05.2	0.049	14
1212	Nitrobenzene	98-95-3	0.068	14
4243 4244	U170			
4244 4245	0170			
4243				

			JCAR3507	28-1604611r01
4246 4247	p-Nitrophenol.			
	p-Nitrophenol	100-02-7	0.12	29
4248	11171			
4249 4250	U171			
4251	2-Nitropropane.			
4252	2 Thuopropule.			
	2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4253				
4254	U172			
4255	N N			
4256	N-Nitrosodi-n-butylamine.			
4257	N-Nitrosodi-n-butylamine	924-16-3	0.40	17
4258	IV-IVII03001-II-Dutylainine	521105	0.40	17
4259	U173			
4260				
4261	N-Nitrosodiethanolamine.			
4262				
	N-Nitrosodiethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4263				
4264	U174			
4265				
4266	N-Nitrosodiethylamine.			
4267	N-Nitrosodiethylamine	55-18-5	0.40	28
4268	IN-INITOSOGIEtitylamine	55-16-5	0.40	28
4269	U176			
4270	0110			
4271	N-Nitroso-N-ethylurea.			
4272				
	N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4273				

4273

4274	U177			
4275				
4276	N-Nitroso-N-methylurea.			
4277	NT	(01.02.5	(HIPPON)	C) (D) (T)
	N-Nitroso-N-methylurea	684-93-5	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
			CMBST	
4278				
4279	U178			
4280				
4281	N-Nitroso-N-methylurethane.			
4282				
	N-Nitroso-N-methylurethane	615-53-2	(WETOX or	CMBST
			CHOXD) fb	
			CARBN; or	
			CMBST	
4283				
4284	U179			
4285				
4286	N-Nitrosopiperidine.			
4287				
	N-Nitrosopiperidine	100-75-4	0.013	35
4288				
4289	U180			
4290				
4291	N-Nitrosopyrrolidine.			
4292				
	N-Nitrosopyrrolidine	930-55-2	0.013	35
4293				
4294	U181			
4295				
4296	5-Nitro-o-toluidine.			
4297				
	5-Nitro-o-toluidine	99-55-8	0.32	28
4298				
4299	U182			
4300				
4301	Paraldehyde.			
4302				

		JCAR350728-1604611r01	
Paraldehyde	123-63-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U183			
Pentachlorobenzene.			
Pentachlorobenzene	608-93-5	0.055	10
U184			
Pentachloroethane.			
Pentachloroethane	76-01-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
Pentachloroethane; alternate ⁶ standards for both wastewaters and nonwastewaters	76-01-7	0.055	6.0
U185			
Pentachloronitrobenzene.			
Pentachloronitrobenzene	82-68-8	0.055	4.8
U186			
1,3-Pentadiene.			
1,3-Pentadiene	504-60-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U187			
Phenacetin.			
Phenacetin	62-44-2	0.081	16
	U183 Pentachlorobenzene. Pentachlorobenzene U184 Pentachloroethane. Pentachloroethane; alternate ⁶ standards for both wastewaters and nonwastewaters U185 Pentachloronitrobenzene. Pentachloronitrobenzene U186 1,3-Pentadiene. 1,3-Pentadiene.	U183 Pentachlorobenzene. Pentachlorobenzene 608-93-5 U184 Pentachloroethane. Pentachloroethane. Pentachloroethane 76-01-7 Standards for both wastewaters and nonwastewaters 76-01-7 Standards for both wastewaters 76-01-7 Standards for both wastewaters 76-01-7 Pentachloronitrobenzene 82-68-8 U185 Pentachloronitrobenzene 82-68-8 U186 1,3-Pentadiene. 1,3-Pentadiene. 504-60-9	Paraldehyde123-63-7(WETOX or CHOXD) fb CARBN; or CMBSTU183Pentachlorobenzene.Pentachlorobenzene608-93-50.055U184Pentachloroethane.Pentachloroethane.Pentachloroethane76-01-7(WETOX or CHOXD) fb CARBN; or CMBSTPentachloroethane; alternate ⁶ standards for both wastewaters76-01-7(WETOX or CHOXD) fb CARBN; or CMBSTU185Pentachloronitrobenzene.90-0550.055U1861,3-Pentadiene.1,3-Pentadiene504-60-9U187U187U187Du187

10000					
4328	1.1.1				
4329	U188				
4330					
4331	Phenol.				
4332					
	Phenol	108-95-2	0.039	6.2	
4333					
4334	U189				
4335					
4336	Phosphorus sulfide.				
4337					
	Phosphorus sulfide	1314-80-3	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST	
4338					
4339	U190				
4340					
4341	Phthalic anhydride.				
4342		The second second			
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28	
	Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28	
4343					
4344	U191				
4345					
4346	2-Picoline.				
4347	ANTEN MALES				
	2-Picoline	109-06-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST	
4348					
4349	U192				
4350	factorization				
4351	Pronamide.				
4352	Pronamide	23950-58-5	0.093	1.5	
4353					
4354	U193				
4355					
4356	1,3-Propane sultone.				

. .

4357				
	1,3-Propane sultone	1120-71-4	(WETOX or CHOXD) fb CARBN; or	CMBST
10.50			CMBST	
4358	11104			
4359	U194			
4360	D. I.			
4361	n-Propylamine.			
4362	n-Propylamine	107-10-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4363			CINIDOT	
4364	U196			
4365	0.00			
4366	Pyridine.			
4367				
	Pyridine	110-86-1	0.014	16
4368				
4369	U197			
4370				
4371	p-Benzoquinone.			
4372				
	p-Benzoquinone	106-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4373				
4374	U200			
4375				
4376	Reserpine.			
4377		100 100 3		
	Reserpine	50-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4378				
4379	U201			
4380				
4381 4382	Resorcinol.			

	Resorcinol	108-46-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4383			CINDOT	
4384	U203			
4385	0200			
4386	Safrole.			
4387	Buildie.			
	Safrole	94-59-7	0.081	22
4388				2.2
4389	U204			
4390				
4391	Selenium dioxide.			
4392				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
4393				
4394	U205			
4395				
4396	Selenium sulfide.			
4397				
	Selenium	7782-49-2	0.82	5.7 mg/l TCLP
4398				
4399	U206			
4400				
4401	Streptozotocin.			
4402				
	Streptozotocin	18883-66-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4403				
4404	U207			
4405				
4406	1,2,4,5-Tetrachlorobenzene.			
4407				
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
4408				
4409	U208			
4410	1,1,1,2-			
4411	Tetrachloroethane.			
4412				
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0

4413				
4414	U209			
4415				
4416	1,1,2,2-Tetrachloroethane.			
4417	1 1 2 2 Tatrachlang others	70 24 5	0.057	C 0
4418	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0
4419	U210			
4420	0210			
4421	Tetrachloroethylene.			
4422				
	Tetrachloroethylene	127-18-4	0.056	6.0
4423				
4424	U211			
4425				
4426	Carbon tetrachloride.			
4427	Carbon tetrachloride	56-23-5	0.057	C 0
4428	Carbon tetrachioride	30-23-3	0.057	6.0
4429	U213			
4430	0215			
4431	Tetrahydrofuran.			
4432				
	Tetrahydrofuran	109-99-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4433		-	enibor	
4434	U214			
4435				
4436	Thallium (I) acetate.			
4437			- a 5.	Second Second
	Thallium (measured in	7440-28-0	1.4	RTHRM; or
4438	wastewaters only)			STABL
4438	U215			
4440	0215			
4441	Thallium (I) carbonate.			
4442				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
4443				
4444	U216			

4445				
4446	Thallium (I) chloride.			
4447				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
4448				
4449	U217			
4450				
4451	Thallium (I) nitrate.			
4452				
	Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
4453				
4454	U218			
4455				
4456	Thioacetamide.			
4457				
	Thioacetamide	62-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4458				
4459	U219			
4460				
4461	Thiourea.			
4462				
	Thiourea	62-56-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4463				
4464	U220			
4465				
4466	Toluene.			
4467				
	Toluene	108-88-3	0.080	10
4468				
4469	U221			
4470				
4471	Toluenediamine.			
4472				
	Toluenediamine	25376-45-8	CARBN; or CMBST	CMBST

1.000.0				
4473	1.111			
4474	U222			
4475				
4476	o-Toluidine hydrochloride.			
4477	o-Toluidine hydrochloride	636-21-5	(WETOX or	CMBST
			CHOXD) fb CARBN; or CMBST	
4478			CINIDD1	
4479	U223			
4480				
4481	Toluene diisocyanate.			
4482				
	Toluene diisocyanate	26471-62-5	CARBN; or CMBST	CMBST
4483				
4484	U225			
4485				
4486	Bromoform (Tribromomethane).			
4487		75.05.0	0.00	-62
1100	Bromoform (Tribromomethane)	75-25-2	0.63	15
4488	U226			
4489				
4490 4491	1,1,1-Trichloroethane.			
4491	1,1,1-Trichloroethane	71-55-6	0.054	6.0
4492	U227			
4495	0227			
4494	1,1,2-Trichloroethane.			
4496	1,1,2-IIIemoroemane.			
4490	1,1,2-Trichloroethane	79-00-5	0.054	60
4497	1,1,2-1 Hemoroemane	79-00-5	0.034	6.0
4498	U228			
4499	0220			
4500	Trichloroethylene.			
4501	memoroeury iene.			
1501	Trichloroethylene	79-01-6	0.054	6.0
4502	memoroeuryione	79-01-0	0.054	0.0
4503	U234			
4504	1,3,5-Trinitrobenzene.			
4505	1,5,5 11111100012010.			
1505				

	1,3,5-Trinitrobenzene	99-35-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4506				
4507	U235			
4508				
4509	tris-(2,3-Dibromopropyl)-phospha	ate.		
4510				
	tris-(2,3-Dibromopropyl)- phosphate	126-72-7	0.11	0.10
4511				
4512	U236			
4513				
4514	Trypan Blue.			
4515		10.000		Cartin and
	Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4516				
4517	U237			
4518				
4519	Uracil mustard.			
4520				
4501	Uracil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4521	11228			
4522 4523	U238			
4525	Urethane (Ethyl carbamate).			
4525	Oremane (Emyr carbaniate).			
4323	Urethane (Ethyl carbamate)	51-79-6	(WETOX or	CMBST
	Oremane (Euryr carbaniace)	51-79-0	CHOXD) fb CARBN; or CMBST	CMBST
4526				
4527	U239			
4528				
4529	Xylenes.			
4530				

	Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
4531				
4532	U240			
4533				
4534	2,4-D (2,4-Dichlorophenoxyacetic	c acid).		
4535				
	2,4-D (2,4-	94-75-7	0.72	10
	Dichlorophenoxyacetic acid)			
	2,4-D (2,4-	NA	(WETOX or	CMBST
	Dichlorophenoxyacetic acid) salts and esters		CHOXD) fb CARBN; or	
			CMBST	
4536				
4537	U243			
4538				
4539	Hexachloropropylene.			
4540			2.222	2.2
	Hexachloropropylene	1888-71-7	0.035	30
4541	(A) (
4542	U244			
4543				
4544	Thiram.			
4545		100.000	ALC: NOT ONLY	
	Thiram	137-26-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
4546				
4547	U246			
4548				
4549	Cyanogen bromide.			
4550				
	Cyanogen bromide	506-68-3	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
4551			1.201.201.201	14.577786.57 a
4552	U247			
4553				
4554	Methoxychlor.			
4555				
10.00	Methoxychlor	72-43-5	0.25	0.18

11240			
U248			
Warfarin, & salts, when pres	sent at concentrations of	0.3 percent or less.	
Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U249			
Zinc phosphide, Zn ₃ P ₂ , when	n present at concentration	ns of 10 percent or less.	
Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHREI or CMBST
J271			
10			
Benomyl. ¹⁰			
Benomyl	17804-35-2	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
		and the second second second	
U278			
Bendiocarb. ¹⁰			
Bendiocarb	22781-23-3	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
11070			
U279			
Conhornal 10			
Carbaryl. ¹⁰			
Carbaryl	63-25-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
		or criticity	
U280			
11200			

			JCAR350728-	-1604611r01
4584 4585	Barban. ¹⁰			
1505	Barban	101-27-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
4586				
4587	U328			
4588				
4589	o-Toluidine.			
4590				
	o-Toluidine	95-53-4	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
4591				
4592	U353			
4593				
4594	p-Toluidine.			
4595				
	p-Toluidine	106-49-0	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
4596				
4597	U359			
4598				
4599	2-Ethoxyethanol.			
4600	2-Ethoxyethanol	110-80-5	CMBST; or CHOXD fb (BIODG or CARBN); or BIODG fb CARBN	CMBST
4601				
4602	U364			
4603				
4604	Bendiocarb phenol. ¹⁰			
4605				

	Bendiocarb phenol	22961-82-6	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4606					
4607	U367				
4608					
4609	Carbofuran phenol. ¹⁰				
4610					
	Carbofuran phenol	1563-38-8	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4611					
4612	U372				
4613	Carbendazim. ¹⁰				
4614					
	Carbendazim	10605-21-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4615					
4616	U373				
4617					
4618	Propham. ¹⁰				
4619					
	Propham	122-42-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4620					
4621	U387				
4622					
4623	Prosulfocarb. ¹⁰				
4624					
	Prosulfocarb	52888-80-9	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4625					
4626	U389				
4627					
4628	Triallate. ¹⁰				
4629					
	Triallate	2303-17-5	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
4630					

			JCAR550728	-1004011101
4631	U394			
4632				
4633	A2213. ¹⁰			
4634	A2213.			
4034	A2213	30558-43-1	0.042; or CMBST,	1.4; or CMBST
			CHOXD, BIODG or CARBN	
4635				
4636	U395			
4637				
4638	Diethylene glycol, dicarbamate. ¹⁰			
4639	Diethylene grycol, diearbaillate.			
4039	Diethylene glycol, dicarbamate	5952-26-1	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
4640				
4641	U404			
4642	0404			
4643	Triethylamine.10			
1.	Thethylamine.			
4644				
	Triethylamine	<u>121-44-8</u> 101-44-8	0.081; or CMBST, CHOXD, BIODG or CARBN	1.5; or CMBST
4645				
4646	U409			
4647				
4648	Thiophanate-methyl. ¹⁰			
4649	Thephanate-metalyn			
4049	Thiophanate-methyl	23564-05-8	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
4650				
4651	U410			
4652	0410			
	TTI: 1: 1 10			
4653	Thiodicarb. ¹⁰			
4654			a ser a s	
	Thiodicarb	59669-26-0	0.019; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
4655				
4656	U411			
4657				
4658	Propoxur. ¹⁰			

Propoxur

0.056; or CMBST, 1.4; or CMBST CHOXD, BIODG or CARBN

	01 CARDIN
Notes	
1	The waste descriptions provided in this table do not replace waste descriptions in 35 Ill. Adm. Code 721. Descriptions of Treatment or Regulatory Subcategories are provided, as needed, to distinguish between applicability of different standards.
	CAS means Chemical Abstract Services. When the waste code or regulated constituents are described as a combination of a chemical with its salts or esters, the CAS <u>No. number</u> is given for the parent compound only.
3	Concentration standards for wastewaters are expressed in mg/ℓ and are based on analysis of composite samples.
4	All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in Table C of this Part, "Technology Codes and Descriptions of Technology-Based Standards." "fb" inserted between waste codes denotes "followed by," so that the first-listed treatment is followed by the second-listed treatment. A semicolon (;) separates alternative treatment schemes.
5	Except for Metals (EP or TCLP) and Cyanides (Total and Amenable), the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or based on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in Section 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab samples.
6	Where an alternate treatment standard or set of alternate standards has been indicated, a facility may comply with this alternate standard, but only for the Treatment or Regulatory Subcategory or physical form (i.e., wastewater or nonwastewater) specified for that alternate standard.
7	Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical or Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

114-26-1

4659

4699		
4700	8	These wastes, when rendered non-hazardous and then subsequently managed in CWA or
4701	Ū	CWA-equivalent systems, are not subject to treatment standards. (See Section
4702		728.101(c)(3) and (c)(4).)
4703		
4704	9	These wastes, when rendered non-hazardous and then subsequently injected in a Class I
4705		SDWA well, are not subject to treatment standards. (See 35 Ill. Adm. Code 738.101(d).)
4706		
4707	10	The treatment standard for this waste may be satisfied by either meeting the constituent
4708		concentrations in the table in this Section or by treating the waste by the specified
4709		technologies: combustion, as defined by the technology code CMBST at Table C for
4710		nonwastewaters; and biodegradation, as defined by the technology code BIODG; carbon
4711		adsorption, as defined by the technology code CARBN; chemical oxidation, as defined by
4712		the technology code CHOXD; or combustion, as defined as technology code CMBST, at
4713		Table C, for wastewaters.
4714		
4715	11	For these wastes, the definition of CMBST is limited to any of the following that have
4716		obtained a determination of equivalent treatment under Section 728.142(b): (1)
4717		combustion units operating under 35 Ill. Adm. Code 726, (2) combustion units permitted
4718		under Subpart O of 35 Ill. Adm. Code 724, or (3) combustion units operating under
4719		Subpart O of 35 Ill. Adm. Code 725.
4720		
4721	12	Disposal of USEPA hazardous waste number K175 waste that has complied with all
4722		applicable Section 728.140 treatment standards must also be macroencapsulated in
4723		accordance with Table F of this Part, unless the waste is placed in either of the following
4724		types of facilities:
4725		
4726		 A RCRA Subtitle C monofill containing only K175 wastes that meet all
4727		applicable 40 CFR 268.40 treatment standards; or
4728		
4729		b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-
4730		disposed are at $pH \leq 6.0$.
4731		
4732	BOA	RD NOTE: Derived from table to 40 CFR 268.40 (2015)(2011).
4733		
4734	NA	means not applicable.
4735		
4736		(Source: Amended at 40 Ill. Reg, effective)

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION SUBTITLE G: WASTE DISPOSAL CHAPTER I: POLLUTION CONTROL BOARD SUBCHAPTER c: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 728 LAND DISPOSAL RESTRICTIONS

SUBPART A: GENERAL

Section

- 728.101 Purpose, Scope, and Applicability
- 728.102 Definitions
- 728.103 Dilution Prohibited as a Substitute for Treatment
- 728.104 Treatment Surface Impoundment Exemption
- 728.105 Procedures for Case-by-Case Extensions to an Effective Date
- 728.106 Petitions to Allow Land Disposal of a Waste Prohibited Pursuant to Subpart C
- 728.107 Testing, Tracking, and Recordkeeping Requirements for Generators, Treaters, and Disposal Facilities
- 728.108 Landfill and Surface Impoundment Disposal Restrictions (Repealed)
- 728.109 Special Rules for Characteristic Wastes

SUBPART B: SCHEDULE FOR LAND DISPOSAL PROHIBITION AND ESTABLISHMENT OF TREATMENT STANDARDS

Section

- 728.110 First Third (Repealed)
- 728.111 Second Third (Repealed)
- 728.112 Third Third (Repealed)
- 728.113 Newly Listed Wastes
- 728.114 Surface Impoundment Exemptions

SUBPART C: PROHIBITION ON LAND DISPOSAL

Section

- 728.120 Waste-Specific Prohibitions: Dyes and Pigments Production Wastes
- 728.130 Waste-Specific Prohibitions: Wood Preserving Wastes
- 728.131 Waste-Specific Prohibitions: Dioxin-Containing Wastes

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

728.132	Waste-Specific Prohibitions: Soils Exhibiting the Toxicity Characteristic for
	Metals and Containing PCBs
728.133	Waste-Specific Prohibitions: Chlorinated Aliphatic Wastes
728.134	Waste-Specific Prohibitions: Toxicity Characteristic Metal Wastes
728.135	Waste-Specific Prohibitions: Petroleum Refining Wastes
728.136	Waste-Specific Prohibitions: Inorganic Chemical Wastes
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AUTHORITY: Implementing Sections 7.2 and 22.4 and authorized by Section 27 of the Environmental Protection Act [415 ILCS 5/7.2, 22.4, and 27].

SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403, effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990; amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16508, effective September 25, 1990; amended in R90-11 at 15 Ill. Reg. 9462, effective June 17, 1991; amended in R90-11 at 15 Ill. Reg. 11937, effective August 12, 1991; amendment withdrawn at 15 Ill. Reg. 14716, October 11, 1991; amended in R91-13 at 16 Ill. Reg. 9619, effective June 9, 1992; amended in R92-10 at 17 Ill. Reg. 5727, effective March 26, 1993; amended in R93-4 at 17 Ill. Reg. 20692, effective November 22, 1993; amended in R93-16 at 18 Ill. Reg. 6799, effective April 26, 1994; amended in R94-7 at 18 Ill. Reg. 12203, effective July 29, 1994; amended in R94-17 at 18 Ill. Reg. 17563, effective November 23, 1994; amended in R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995; amended in R95-20 at 20 Ill. Reg. 11100, effective August 1, 1996; amended in R96-10/R97-3/R97-5 at 22 Ill. Reg. 783, effective December 16, 1997; amended in R98-12 at 22 Ill. Reg. 7685, effective April 15, 1998; amended in R97-21/R98-3/R98-5 at 22 Ill. Reg. 17706, effective September 28, 1998; amended in R98-21/R99-2/R99-7 at 23 Ill. Reg. 1964, effective January 19, 1999; amended in R99-15 at 23 Ill. Reg. 9204, effective July 26, 1999; amended in R00-13 at 24 Ill. Reg. 9623, effective June 20, 2000; amended in R01-3 at 25 Ill. Reg. 1296, effective January 11, 2001; amended in

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R01-21/R01-23 at 25 Ill. Reg. 9181, effective July 9, 2001; amended in R02-1/R02-12/R02-17 at 26 Ill. Reg. 6687, effective April 22, 2002; amended in R03-18 at 27 Ill. Reg. 13045, effective July 17, 2003; amended in R05-8 at 29 Ill. Reg. 6049, effective April 13, 2005; amended in R06-5/R06-6/R06-7 at 30 Ill. Reg. 3800, effective February 23, 2006; amended in R06-16/R06-17/R06-18 at 31 Ill. Reg. 1254, effective December 20, 2006; amended in R07-5/R07-14 at 32 Ill. Reg. 12840, effective July 14, 2008; amended in R09-3 at 33 Ill. Reg. 1186, effective December 30, 2008; amended in R11-2/R11-16 at 35 Ill. Reg. 18131, effective October 14, 2011; amended in R12-7 at 36 Ill. Reg. 8790, effective June 4, 2012; amended in R13-15 at 37 Ill. Reg. 17951, effective October 24, 2013; amended in R16-7 at 40 Ill. Reg.

SUBPART A: GENERAL

Section 728.101 Purpose, Scope, and Applicability

- a) This Part identifies hazardous wastes that are restricted from land disposal and defines those limited circumstances under which an otherwise prohibited waste may continue to be land disposed.
- b) Except as specifically provided otherwise in this Part or 35 Ill. Adm. Code 721, the requirements of this Part apply to persons that generate or transport hazardous waste and to owners and operators of hazardous waste treatment, storage, and disposal facilities.
- c) Restricted wastes may continue to be land disposed as follows:
 - Where a person has been granted an extension to the effective date of a prohibition pursuant to Subpart C of this Part or pursuant to Section 728.105, with respect to those wastes covered by the extension;
 - 2) Where a person has been granted an exemption from a prohibition pursuant to a petition pursuant to Section 728.106, with respect to those wastes and units covered by the petition;
 - 3) A waste that is hazardous only because it exhibits a characteristic of hazardous waste and which is otherwise prohibited pursuant to this Part is not prohibited if the following is true of the waste:

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- A) The waste is disposed into a non-hazardous or hazardous waste injection well, as defined in 35 Ill. Adm. Code 704.106(a); and
- B) The waste does not exhibit any prohibited characteristic of hazardous waste identified in Subpart C of 35 Ill. Adm. Code 721 at the point of injection.
- 4) A waste that is hazardous only because it exhibits a characteristic of hazardous waste and which is otherwise prohibited pursuant to this Part is not prohibited if the waste meets any of the following criteria, unless the waste is subject to a specified method of treatment other than DEACT in Section 728.140 or is D003 reactive cyanide:
 - A) Any of the following is true of either treatment or management of the waste:
 - The waste is managed in a treatment system that subsequently discharges to waters of the United States pursuant to a permit issued pursuant to 35 Ill. Adm. Code 309;
 - ii) The waste is treated for purposes of the pretreatment requirements of 35 Ill. Adm. Code 307 and 310; or
 - iii) The waste is managed in a zero discharge system engaged in Clean Water Act (CWA)-equivalent treatment, as defined in Section 728.137(a); and
 - B) The waste no longer exhibits a prohibited characteristic of hazardous waste at the point of land disposal (i.e., placement in a surface impoundment).
- d) This Part does not affect the availability of a waiver pursuant to Section 121(d)(4) of the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) (42 USC 9621(d)(4)).
- e) The following hazardous wastes are not subject to any provision of this Part:

f)

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- Waste generated by small quantity generators of less than 100 kg of non-acute hazardous waste or less than 1 kg of acute hazardous waste per month, as defined in 35 Ill. Adm. Code 721.105;
- Waste pesticide that a farmer disposes of pursuant to 35 Ill. Adm. Code 722.170;
- Waste identified or listed as hazardous after November 8, 1984, for which USEPA has not promulgated a land disposal prohibition or treatment standard; or
- 4) De minimis losses of waste that exhibits a characteristic of hazardous waste to wastewaters are not considered to be prohibited waste and are defined as losses from normal material handling operations (e.g., spills from the unloading or transfer of materials from bins or other containers or leaks from pipes, valves, or other devices used to transfer materials); minor leaks of process equipment, storage tanks, or containers; leaks from well-maintained pump packings and seals; sample purgings; relief device discharges; discharges from safety showers and rinsing and cleaning of personal safety equipment; rinsate from empty containers or from containers that are rendered empty by that rinsing; and laboratory waste that does not exceed one percent of the total flow of wastewater into the facility2's headworks on an annual basis, or with a combined annualized average concentration not exceeding one part per million (ppm) in the headworks of the facility 's wastewater treatment or pretreatment facility.; or
- 5) Land disposal prohibitions for hazardous characteristic wastes do not apply to laboratory wastes displaying the characteristic of ignitability (D001), corrosivity (D002), or organic toxicity (D012 through D043) that are mixed with other plant wastewaters at facilities whose ultimate discharge is subject to regulation pursuant to the CWA (including wastewaters at facilities that have eliminated the discharge of wastewater), provided that the annualized flow of laboratory wastewater into the facility²'s headworks does not exceed one percent or that the laboratory wastes²' combined annualized average concentration does not exceed one part per million in the facility²'s headworks.

A universal waste handler or universal waste transporter (as defined in 35 Ill.

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Adm. Code 720.110) is exempt from Sections 728.107 and 728.150 for the hazardous wastes listed below. Such a handler or transporter is subject to regulation pursuant to 35 Ill. Adm. Code 733.

- 1) Batteries, as described in 35 Ill. Adm. Code 733.102;
- 2) Pesticides, as described in 35 Ill. Adm. Code 733.103;
- Mercury-containing equipment, as described in 35 Ill. Adm. Code 733.104; and
- 4) Lamps, as described in 35 Ill. Adm. Code 733.105.
- g) This Part is cumulative with the land disposal restrictions of 35 Ill. Adm. Code 729. The Environmental Protection Agency (Agency) must not issue a wastestream authorization pursuant to 35 Ill. Adm. Code 709 or Section 22.6 or 39(h) of the Environmental Protection Act [415 ILCS 5/22.6 or 39(h)] unless the waste meets the requirements of this Part as well as 35 Ill. Adm. Code 729.
- h) Electronic reporting. The filing of any document pursuant to any provision of this Part as an electronic document is subject to 35 Ill. Adm. Code 720.104.

BOARD NOTE: Subsection (h) is derived from 40 CFR 3, as added, and 40 CFR 271.10(b), 271.11(b), and 271.12(h) (2015) (2005), as amended at 70 Fed. Reg. 59848 (Oct. 13, 2005) (2015).

(Source: Amended at 40 Ill. Reg. _____, effective _____)

Section 728.107 Testing, Tracking, and Recordkeeping Requirements for Generators, Treaters, and Disposal Facilities

- a) Requirements for generators.
 - A generator of a hazardous waste must determine if the waste has to be treated before it can be land disposed. This is done by determining if the hazardous waste meets the treatment standards in Section 728.140, 728.145, or 728.149. This determination can be made concurrently with the hazardous waste determination required in 35 Ill. Adm. Code 722.111,

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in either of two ways: testing the waste or using knowledge of the waste. If the generator tests the waste, testing determines the total concentration of hazardous constituents or the concentration of hazardous constituents in an extract of the waste obtained using Method 1311 (Toxicity Characteristic Leaching Procedure) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,²⁴ USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), depending on whether the treatment standard for the waste is expressed as a total concentration or concentration of hazardous constituent in the waste extract. (Alternatively, the generator must send the waste to a RCRA-permitted hazardous waste treatment facility, where the waste treatment facility must comply with the requirements of 35 Ill. Adm. Code 724.113 and subsection (b) of this Section.) In addition, some hazardous wastes must be treated by particular treatment methods before they can be land disposed and some soils are contaminated by such hazardous wastes. These treatment standards are also found in Section 728.140 and Table T of this Part, and are described in detail in Table C of this Part. These wastes and soils contaminated with such wastes do not need to be tested (however, if they are in a waste mixture, other wastes with concentration level treatment standards must be tested). If a generator determines that it is managing a waste or soil contaminated with a waste that displays a hazardous characteristic of ignitability, corrosivity, reactivity, or toxicity, the generator must comply with the special requirements of Section 728.109 in addition to any applicable requirements in this Section.

2) If the waste or contaminated soil does not meet the treatment standard or if the generator chooses not to make the determination of whether its waste must be treated, the generator must send a one-time written notice to each treatment or storage facility receiving the waste with the initial shipment of waste to each treatment or storage facility, and the generator must place a copy of the one-time notice in the file. The notice must include the information in column ^{sem} 728.107(a)(2)²² of the Generator Paperwork Requirements Table in Table I of this Part. (Alternatively, if the generator chooses not to make the determination of whether the waste must be treated, the notification must include the USEPA hazardous waste numbers and manifest number of the first shipment, and it must include the following statement: ""This hazardous waste may or may not be

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subject to the LDR treatment standards. The treatment facility must make the determination.²²) No further notification is necessary until such time that the waste or facility changes, in which case a new notification must be sent and a copy placed in the generator²s file.

- 3) If the waste or contaminated soil meets the treatment standard at the original point of generation, the waste generator must do the following:
 - A) With the initial shipment of waste to each treatment, storage, or disposal facility, the generator must send a one-time written notice to each treatment, storage, or disposal facility receiving the waste, and place a copy in its own file. The notice must include the information indicated in column ⁵⁰/₂728.107(a)(3)²⁰/₂ of the Generator Paperwork Requirements Table in Table I of this Part and the following certification statement, signed by an authorized representative:

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in Subpart D of 35 Ill. Adm. Code 728. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

- B) For contaminated soil, with the initial shipment of wastes to each treatment, storage, or disposal facility, the generator must send a one-time written notice to each facility receiving the waste and place a copy in the file. The notice must include the information in the column headed $\frac{440}{2}(a)(3)^{220}$ in Table I of this Part.
- C) If the waste changes, the generator must send a new notice and certification to the receiving facility and place a copy in its files. A generator of hazardous debris excluded from the definition of hazardous waste under 35 Ill. Adm. Code 721.103(f) is not subject to these requirements.

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4) For reporting, tracking and recordkeeping when exceptions allow certain wastes or contaminated soil that do not meet the treatment standards to be land disposed, there are certain exemptions from the requirement that hazardous wastes or contaminated soil meet treatment standards before they can be land disposed. These include, but are not limited to, case-by-case extensions under Section 728.105, disposal in a no-migration unit under Section 728.106, or a national capacity variance or case-by-case capacity variance under Subpart C of this Part. If a generator²'s waste is so exempt, then with the initial shipment of waste, the generator must send a one-time written notice to each land disposal facility receiving the waste. The notice must include the information indicated in column ⁵'''_728.107(a)(4)²²'' of the Generator Paperwork Requirements Table in Table I of this Part. If the waste changes, the generator must send a new notice to the receiving facility, and place a copy in its file.

5) If a generator is managing and treating prohibited waste or contaminated soil in tanks, containers, or containment buildings regulated under 35 Ill. Adm. Code 722.134 to meet applicable LDR treatment standards found at Section 728.140, the generator must develop and follow a written waste analysis plan that describes the procedures it will carry out to comply with the treatment standards. (Generators treating hazardous debris under the alternative treatment standards of Table F of this Part, however, are not subject to these waste analysis requirements.) The plan must be kept on site in the generator¹'s records, and the following requirements must be met:

- A) The waste analysis plan must be based on a detailed chemical and physical analysis of a representative sample of the prohibited wastes being treated, and contain all information necessary to treat the wastes in accordance with the requirements of this Part, including the selected testing frequency;
- B) Such plan must be kept in the facility²'s on-site files and made available to inspectors; and
- C) Wastes shipped off-site pursuant to this subsection (a)(5) of this Section must comply with the notification requirements of

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subsection (a)(3) of this Section.

6)

If a generator determines that the waste or contaminated soil is restricted based solely on its knowledge of the waste, all supporting data used to make this determination must be retained on-site in the generator²'s files. If a generator determines that the waste is restricted based on testing this waste or an extract developed using Method 1311 (Toxicity Characteristic Leaching Procedure) in ⁴⁴"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,²²" USEPA publication number EPA-530/SW-846, all waste analysis data must be retained on-site in the generator²'s files.

7) If a generator determines that it is managing a prohibited waste that is excluded from the definition of hazardous or solid waste or which is exempt from Subtitle C regulation under 35 Ill. Adm. Code 721.102 through 721.106 subsequent to the point of generation (including deactivated characteristic hazardous wastes that are managed in wastewater treatment systems subject to the CWA, as specified at 35 Ill. Adm. Code 721.104(a)(2); that are CWA-equivalent; or that are managed in an underground injection well regulated under 35 Ill. Adm. Code 730), the generator must place a one-time notice stating such generation, subsequent exclusion from the definition of hazardous or solid waste or exemption from RCRA Subtitle C regulation, and the disposition of the waste in the generating facility²'s on-site file.

8) A generator must retain a copy of all notices, certifications, waste analysis data, and other documentation produced pursuant to this Section on-site for at least three years from the date that the waste that is the subject of such documentation was last sent to on-site or off-site treatment, storage, or disposal. The three-year record retention period is automatically extended during the course of any unresolved enforcement action regarding the regulated activity or as requested by the Agency. The requirements of this subsection (a)(8) apply to solid wastes even when the hazardous characteristic is removed prior to disposal, or when the waste is excluded from the definition of hazardous or solid waste under 35 Ill. Adm. Code 721.102 through 721.106, or exempted from RCRA Subtitle C regulation, subsequent to the point of generation.

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9) If a generator is managing a lab pack containing hazardous wastes and wishes to use the alternative treatment standard for lab packs found at Section 728.142(c), the generator must fulfill the following conditions:

A) With the initial shipment of waste to a treatment facility, the generator must submit a notice that provides the information in column "Section 728.107(a)(9)" in the Generator Paperwork Requirements Table of Table I of this Part and the following certification. The certification, which must be signed by an authorized representative and must be placed in the generator." Is files, must say the following:

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under Appendix D to 35 Ill. Adm. Code 728 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 35 Ill. Adm. Code 728.142(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

- B) No further notification is necessary until such time as the wastes in the lab pack change, or the receiving facility changes, in which case a new notice and certification must be sent and a copy placed in the generator²'s file.
- C) If the lab pack contains characteristic hazardous wastes (D001-D043), underlying hazardous constituents (as defined in Section 728.102(i)) need not be determined.
- D) The generator must also comply with the requirements in subsections (a)(6) and (a)(7) of this Section.
- 10) Small quantity generators with tolling agreements pursuant to 35 Ill. Adm. Code 722.120(e) must comply with the applicable notification and certification requirements of subsection (a) of this Section for the initial shipment of the waste subject to the agreement. Such generators must

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retain on-site a copy of the notification and certification, together with the tolling agreement, for at least three years after termination or expiration of the agreement. The three-year record retention period is automatically extended during the course of any unresolved enforcement action regarding the regulated activity or as requested by the Agency.

- b) The owner or operator of a treatment facility must test its wastes according to the frequency specified in its waste analysis plan, as required by 35 Ill. Adm. Code 724.113 (for permitted TSDs) or 725.113 (for interim status facilities). Such testing must be performed as provided in subsections (b)(1), (b)(2), and (b)(3) of this Section.
 - For wastes or contaminated soil with treatment standards expressed in the waste extract (TCLP), the owner or operator of the treatment facility must test an extract of the treatment residues using Method 1311 (Toxicity Characteristic Leaching Procedure) in <u>""</u>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,<u>"</u> USEPA publication number EPA-530/SW-846, to assure that the treatment residues extract meets the applicable treatment standards.
 - 2) For wastes or contaminated soil with treatment standards expressed as concentrations in the waste, the owner or operator of the treatment facility must test the treatment residues (not an extract of such residues) to assure that the treatment residues meet the applicable treatment standards.
 - A one-time notice must be sent with the initial shipment of waste or contaminated soil to the land disposal facility. A copy of the notice must be placed in the treatment facility²'s file.
 - A) No further notification is necessary until such time that the waste or receiving facility changes, in which case a new notice must be sent and a copy placed in the treatment facility²'s file.
 - B) The one-time notice must include the following requirements :
 - USEPA hazardous waste number and manifest number of first shipment;

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- The waste is subject to the LDRs. The constituents of concern for F001 through F005 and F039 waste and underlying hazardous constituents in characteristic wastes, unless the waste will be treated and monitored for all constituents. If all constituents will be treated and monitored, there is no need to put them all on the LDR notice;
- iii) The notice must include the applicable wastewater/ nonwastewater category (see Section 728.102(d) and (f)) and subdivisions made within a waste code based on waste-specific criteria (such as D003 reactive cyanide);
- iv) Waste analysis data (when available);
- v) For contaminated soil subject to LDRs as provided in Section 728.149(a), the constituents subject to treatment as described in Section 728.149(d) and the following statement, ""this contaminated soil (does/does not) contain listed hazardous waste and (does/does not) exhibit a characteristic of hazardous waste and (is subject to/complies with) the soil treatment standards as provided by Section 728.149(c)²²; and
- vi) A certification is needed (see applicable Section for exact wording).
- 4) The owner or operator of a treatment facility must submit a certification signed by an authorized representative with the initial shipment of waste or treatment residue of a restricted waste to the land disposal facility. The certification must state as follows:

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the

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treatment standards specified in 35 Ill. Adm. Code 728.140 without impermissible dilution of the prohibited waste. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

A certification is also necessary for contaminated soil and it must state as follows:

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 35 Ill. Adm. Code 728.149 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

- A) A copy of the certification must be placed in the treatment facility²'s on-site files. If the waste or treatment residue changes, or the receiving facility changes, a new certification must be sent to the receiving facility, and a copy placed in the treatment facility²'s file.
- B) Debris excluded from the definition of hazardous waste under 35 Ill. Adm. Code 721.103(f) (i.e., debris treated by an extraction or destruction technology listed in Table F of this Part and debris that the Agency has determined does not contain hazardous waste) is subject to the notification and certification requirements of subsection (d) of this Section rather than the certification requirements of this subsection (b)(4).
- C) For wastes with organic constituents having treatment standards expressed as concentration levels, if compliance with the treatment standards is based in part or in whole on the analytical detection limit alternative specified in Section 728.140(d), the certification must be signed by an authorized representative and must state as follows:

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I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in Table C to 35 III. Adm. Code 728. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

D) For characteristic wastes that are subject to the treatment standards in Section 728.140 and Table T of this Part (other than those expressed as a required method of treatment) or Section 728.149 and which contain underlying hazardous constituents, as defined in Section 728.102(i); if these wastes are treated on-site to remove the hazardous characteristic; and that are then sent off-site for treatment of underlying hazardous constituents, the certification must state as follows:

> I certify under penalty of law that the waste has been treated in accordance with the requirements of 35 Ill. Adm. Code 728.140 and Table T of Section 728.149 of that Part to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

E) For characteristic wastes that contain underlying hazardous constituents, as defined in Section 728.102(i), that are treated on-site to remove the hazardous characteristic and to treat underlying hazardous constituents to levels in Section 728.148 and Table U of this Part universal treatment standards, the certification

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must state as follows:

I certify under penalty of law that the waste has been treated in accordance with the requirements of 35 Ill. Adm. Code 728.140 and Table T of that Part to remove the hazardous characteristic and that underlying hazardous constituents, as defined in 35 Ill. Adm. Code 728.102(i), have been treated on-site to meet the universal treatment standards of 35 Ill. Adm. Code 728.148 and Table U of that Part. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

- 5) If the waste or treatment residue will be further managed at a different treatment, storage, or disposal facility, the treatment, storage, or disposal facility that sends the waste or treatment residue off-site must comply with the notice and certification requirements applicable to generators under this Section.
- 6) Where the wastes are recyclable materials used in a manner constituting disposal subject to the provisions of 35 Ill. Adm. Code 726.120(b), regarding treatment standards and prohibition levels, the owner or operator of a treatment facility (i.e., the recycler) must, for the initial shipment of waste, prepare a one-time certification described in subsection (b)(4) of this Section and a notice that includes the information listed in subsection (b)(3) of this Section (except the manifest number). The certification and notification must be placed in the facility²'s on-site files. If the waste or the receiving facility changes, a new certification and notification must be prepared and placed in the on-site files. In addition, the owner or operator of the recycling facility also must keep records of the name and location of each entity receiving the hazardous waste-derived product.
- c) Except where the owner or operator is disposing of any waste that is a recyclable material used in a manner constituting disposal pursuant to 35 Ill. Adm. Code 726.120(b), the owner or operator of any land disposal facility disposing any waste subject to restrictions under this Part must do the following:
 - 1) Maintain in its files copies of the notice and certifications specified in

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subsection (a) or (b) of this Section.

- 2) Test the waste or an extract of the waste or treatment residue developed using Method 1311 (Toxicity Characteristic Leaching Procedure in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,""USEPA publication number EPA-530/SW-846) to assure that the waste or treatment residue is in compliance with the applicable treatment standards set forth in Subpart D of this Part. Such testing must be performed according to the frequency specified in the facility?'s waste analysis plan as required by 35 Ill. Adm. Code 724.113 or 35 Ill. Adm. Code 725.113.
- 3) Where the owner or operator is disposing of any waste that is subject to the prohibitions under Section 728.133(f) but not subject to the prohibitions set forth in Section 728.132, the owner or operator must ensure that such waste is the subject of a certification according to the requirements of Section 728.108 prior to disposal in a landfill or surface impoundment unit, and that such disposal is in accordance with the requirements of Section 728.105(h)(2). The same requirement applies to any waste that is subject to the prohibitions under Section 728.133(f) and also is subject to the statutory prohibitions in the codified prohibitions in Section 728.139 or Section 728.132.
- 4) Where the owner or operator is disposing of any waste that is a recyclable material used in a manner constituting disposal subject to the provisions of 35 Ill. Adm. Code 726.120(b), the owner or operator is not subject to subsections (c)(1) through (c)(3) of this Section with respect to such waste.
- d) A generator or treater that first claims that hazardous debris is excluded from the definition of hazardous waste under 35 Ill. Adm. Code 721.103(f) (i.e., debris treated by an extraction or destruction technology provided by Table F of this Part, and debris that has been delisted) is subject to the following notification and certification requirements:
 - 1) A one-time notification must be submitted to the Agency including the following information:
 - A) The name and address of the RCRA Subtitle D (municipal solid waste landfill) facility receiving the treated debris;

e)

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- B) A description of the hazardous debris as initially generated, including the applicable USEPA hazardous waste numbers; and
- C) For debris excluded under 35 Ill. Adm. Code 721.103(ef)(1)_ 721.103(fe)(1), the technology from Table F of this Part used to treat the debris.
- 2) The notification must be updated if the debris is shipped to a different facility and, for debris excluded under 35 Ill. Adm. Code 721.102(f)(1) 721.103(f)(1)721.102(f)(1), if a different type of debris is treated or if a different technology is used to treat the debris.
- For debris excluded under 35 Ill. Adm. Code 721.102(f)(1)
 721.103(f)(1)721.102(f)(1), the owner or operator of the treatment facility must document and certify compliance with the treatment standards of Table F of this Part, as follows:
 - A) Records must be kept of all inspections, evaluations, and analyses of treated debris that are made to determine compliance with the treatment standards;
 - B) Records must be kept of any data or information the treater obtains during treatment of the debris that identifies key operating parameters of the treatment unit; and
 - C) For each shipment of treated debris, a certification of compliance with the treatment standards must be signed by an authorized representative and placed in the facility²'s files. The certification must state as follows:

I certify under penalty of law that the debris has been treated in accordance with the requirements of 35 Ill. Adm. Code 728.145. I am aware that there are significant penalties for making a false certification, including the possibility of fine and imprisonment.

A generator or treater that first receives a determination from USEPA or the

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Agency that a given contaminated soil subject to LDRs, as provided in Section 728.149(a), no longer contains a listed hazardous waste and a generator or treater that first determines that a contaminated soil subject to LDRs, as provided in Section 728.149(a), no longer exhibits a characteristic of hazardous waste must do the following:

- 1) Prepare a one-time only documentation of these determinations including all supporting information; and
- Maintain that information in the facility files and other records for a minimum of three years.

(Source: Amended at 40 Ill. Reg. _____, effective _____)

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Section 728.Appendix C 728.APPENDIX C List of Halogenated Organic Compounds Regulated under Section 728.132

In determining the concentration of halogenated organic compounds (HOCs) in a hazardous waste for purposes of the Section 728.132 land disposal prohibition, USEPA has defined the HOCs that must be included in a calculation as any compounds having a carbon-halogen bond that are listed in this Appendix (see Section 728.102). This Appendix C to Part 728 consists of the following compounds:

I. Volatiles

- 1. Bromodichloromethane (CAS No. 75-27-4)
- 2. Bromomethane (CAS No. 74-83-9)
- 3. Carbon Tetrachloride (tetrachloromethane) (CAS No. 56-23-5)
- 4. Chlorobenzene (CAS No. 108-90-7)
- 5. 2-Chloro-1,3-butadiene (CAS No. 126-99-8)
- 6. Chlorodibromomethane (CAS No. 124-48-1)
- 7. Chloroethane (CAS No. 75-00-3)
- 8. 2-Chloroethyl vinyl ether ((2-chloroethoxy)ethene) (CAS No. 110-75-8)
- 9. Chloroform (trichloromethane) (CAS No. 67-66-3)
- 10. Chloromethane (CAS No. 74-87-3)
- 11. 3-Chloropropene (3-chloroprop-1-ene) (CAS No. 107-05-1)
- 12. 1,2-Dibromo-3-chloropropane (CAS No. 96-12-8)
- 13. 1,2-Dibromomethane1,2-Dibromoethane (CAS No. 106-93-4)1.2-Dibromomethane

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- 14. Dibromomethane (CAS No. 74-95-3)
- 15. Trans-1,4-Dichloro-2-butene ((2E)-1,4-dichloro-2-butene) (CAS No. 110-57-6)
- 16. Dichlorodifluoromethane (CAS No. 75-71-8)
- 17. 1,1-Dichloroethane (CAS No. 75-34-3)
- 18. 1,2-Dichloroethane (CAS No. 107-06-2)
- 19. 1,1-Dichloroethylene (1,1-dichloroethene) (CAS No. 75-35-4)
- 20. Trans-1,2-Dichloroethene ((1E)-1,2-dichloroethene) (CAS No. 156-60-5)
- 21. 1,2-Dichloropropane (CAS No. 78-87-5)
- 22. Trans-1,3-Dichloropropene ((1E)-1,3-dichloroprop-1-ene) (CAS No. 10061-02-6)
- 23. cis-1,3-Dichloropropene ((1Z)-1,3-dichloroprop-1-ene) (CAS No. 10061-01-5)
- 24. Iodomethane (CAS No. 74-88-4)
- 25. Methylene chloride (dichloromethane) (CAS No. 75-09-2)
- 26. 1,1,1,2-Tetrachloroethane (CAS No. 630-20-6)
- 27. 1,1,2,2-Tetrachloroethane (CAS No. 79-34-5)
- 28. Tetrachloroethene (CAS No. 127-18-4)
- 29. Tribromomethane (CAS No. 75-25-2)
- 30. 1,1,1-Trichloroethane (CAS No. 71-55-6)
- 31. 1,1,2-Trichloroethane (CAS No. 79-00-5)
- 32. Trichloroethene (CAS No. 79-01-6)

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- 33. Trichloromonofluoromethane (trichlorofluoromethane) (CAS No. 75-69-4)
- 1,2,3 Thrichloropropane1,2,3-trichloropropane (CAS No. 96-18-4)<u>1,2,3-Thrichloropropane</u>
- 35. Vinyl Chloride (chloroethene) (CAS No. 75-01-4)
- II. Semivolatiles
 - 1. Bis(2-chloroethoxy)ethane (1,2-bis(2-chlorethoxy)ethane) (CAS No. 112-26-5)
 - 2. Bis(2-chloroethyl)etherBis(2-chloroethyl) ether (1,1'-oxybis(2-chloroethane)) (CAS No. 111-44-4)Bis(2-chloroethyl)ether
 - Bis(2-chloroisopropyl)ether (2,2'-oxybis(2-chloropropane)) (CAS No. 39638-32-9)
 - 4. p-Chloroaniline (4-chlorobenzeneamine) (CAS No. 106-47-8)
 - 5. Chlorobenzilate (ethyl 2,2-bis(4-chlorophenyl)-2-hydroxyacetate) (CAS No. 510-15-6)
 - 6. p-Chloro-m-cresol (4-chloro-3-methylphenol) (CAS No. 59-50-7)
 - 7. 2-Chloronaphthalene (CAS No. 91-58-7)
 - 8. 2-Chlorophenol (CAS No. 95-57-8)
 - 9. 3-Chloropropionitrile (3-chloropronanenitrile) (CAS No. 542-76-7)
 - 10. m-Dichlorobenzene (1,3-dichlorobenzene) (CAS No. 541-73-1)
 - 11. o-Dichlorobenzene (1,2-dichlorobenzene) (CAS No. 95-50-1)
 - 12. p-Dichlorobenzene (1,4-dichlorobenzene) (CAS No. 106-46-7)
 - <u>3.3'</u>3.3'-Dichlorobenzidine (4-(4-amino-3-chlorophenyl)-2-chloroaniline) (CAS No. 91-94-1)

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- 14. 2,4-Dichlorophenol (CAS No. 120-83-2)
- 15. 2,6-Dichlorophenol (CAS No. 87-65-0)
- 16. Hexachlorobenzene (CAS No. 118-74-1)
- 17. Hexachlorobutadiene (hexachlorobuta-1,3-diene) (CAS No. 87-68-3)
- 18. Hexachlorocyclopentadiene (CAS No. 77-47-4)
- 19. Hexachloroethane (CAS No. 67-72-1)
- 20. Hexachlorophene (2,2'-methylenebis(3,4,6-trichlorophenol)) (CAS No. 70-30-4)
- 21. Hexachloropropene (CAS No. 1888-71-7)
- 4,4'-Methylenebis(2-chloroanaline) (4-[(4-amino-3-chlorophenyl)methyl]-2-chloroaniline) (CAS No. 101-14-4)
- 23. Pentachlorobenzene (CAS No. 608-93-5)
- 24. Pentachloroethane (CAS No. 76-01-7)
- 25. Pentachloronitrobenzene (CAS No. 82-68-8)
- 26. Pentachlorophenol (CAS No. 87-86-5)
- Pronamide (3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide) (CAS No. 23950-58-5)
- 28. 1,2,4,5-Tetrachlorobenzene (CAS No. 95-94-3)
- 29. 2,3,4,6-Tetrachlorophenol (CAS No. 58-90-2)
- 30. 1,2,4-Trichlorobenzene (CAS No. 120-82-1)
- 31. 2,4,5-Trichlorophenol (CAS No. 95-95-4)

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- 32. 2,4,6-Trichlorophenol (CAS No. 88-06-2)
- Tris(2,3-dibromopropyl)phosphateTris(2,3-dibromopropyl) phosphate (CAS No. 126-72-7)

III. Organochlorine Pesticides

- Aldrin ((1R,4S,4aS,5S,8R,8aR)-1,2,3,4,10,10-hexachloro-1,2,4a,5,8,8a-hexahydro-1,4:5, 8-dimethanonaphthlene) (CAS No. 309-00-2)
- 2. alpha-BHC (α-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-84-6)
- 3. beta-BHC (β -1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-85-7)
- 4. delta-BHC (δ-1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 58-89-9)
- 5. gamma-BHC (γ -1,2,3,4,5,6-hexachlorocyclohexane) (CAS No. 319-86-8)
- 6. ChlorodaneChlordane (1,2,4,5,6,7,8,8-octachloro-3a,4,5,5a-tetrahydro-4,7-methanoindane) (CAS No. 57-74-9)Chlorodane
- 7. DDD (1,1-bis(4-chlorophenyl)-2,2-dichloroethane) (CAS No. 72-54-8)
- 8. DDE (1,1-bis(4-chlorophenyl)-2,2-dichloroethene) (CAS No. 72-55-9)
- 9. DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane) (CAS No. 50-29-3)
- 10. Dieldrin ((1aR,2R,2aS,3S,6R,7S,7aS)-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-2,7:3,6-dimethanonaphtho[2,3-b]oxirene) (CAS No. 60-57-1)
- Endosulfan I ((3α,5aβ,6α,9α,9aβ)-6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-metha no-2,4,3-benzodioxathiepine-3-oxide) (CAS No. 959-98-8)

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- 12. Endosulfan II ($(3\alpha,5a\beta,6\beta,9\beta,9a\alpha)$ -6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-metha no-2,4,3-benzodioxathiepine-3-oxide) (CAS No. 33213-65-9)
- Endrin

 (1aα,2β,2aβ,3aα,6α,6aβ,7β,7aα)-3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahy dro-2,7:3,6-dimethanonaphth(2,3-b)oxirene) (CAS No. 72-20-8)
- 14. Endrin aldehyde ($1\alpha,2\beta,2a\beta,4\beta,4a\beta,5\beta,6a\beta,6b\beta,7R^*$)-2,2a,3,3,4,7-hexachlorodecahydro-1,2,4-meth enocyclopenta(c,d)pentalene-5-carboxaldehyde) (CAS No. 7421-93-4)
- Heptachlor (1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1*H*-indene) (CAS No. 76-44-8)
- Heptachlor epoxide ((1aR,1bS,2R,5S,5aR,6S,6aR)-2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a-hexahydr o-2,5-methano-2*H*-indeno(1,2b)oxirene) (CAS No. 1024-57-3)
- Isodrin
 ((1R,4S,4aS,5R,8S,8aR)-rel-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,
 4:5,8-dimethanonaphthlaenedimethanonaphthlaene) (CAS No. 465-73-6)
- Kepone (1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pen talen-2-one) (CAS No. 143-50-0)
- MethoxyclorMethoxychlorMethoxychlor (1,1'-(2,2,2-trichloroethylidene)bis(4-methoxybenzene)) (CAS No. 72-43-5)Methoxyclor
- 20. Toxaphene (CAS No. 8001-35-2)

IV. Phenoxyacetic Acid Herbicides

1. 2,4-Dichlorophenoxyacetic acid (CAS No. 94-75-7)

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- 2. Silvex (2-(2,4,5-trichlorophenoxy)propionic acid) (CAS No. 93-72-1)
- 3. 2,4,5-T (2,4,5-trichlorophenoxyacetic acid) (CAS No. 93-76-5)

V. PCBs

- 1. Aroclor 1016 (CAS No. 12674-11-2)
- 2. Aroclor 1221 (CAS No. 11104-28-2)
- 3. Aroclor 1232 (CAS No. 11141-16-5)
- 4. Aroclor 1242 (CAS No. 53469-21-9)
- 5. Aroclor 1248 (CAS No. 12672-29-6)
- 6. Aroclor 1254 (CAS No. 11097-69-1)
- 7. Aroclor 1260 (CAS No. 11096-82-5)
- 8. PCBs not otherwise specified (CAS No. 1336-36-3)

VI. Dioxins and Furans

- 1. Hexachlorodibenzo-p-dioxins (CAS No. 34465-46-8)
- 2. Hexachlorodibenzofuran (CAS No. 55684-94-1)
- 3. Pentachlorodibenzo-p-dioxins (CAS No. 36088-22-9)
- 4. Pentachlorodibenzofuran (CAS No. 30402-15-4)
- 5. Tetrachlorodibenzo-p-dioxins (CAS No. 41903-57-5)
- 6. Tetrachlorodibenzofuran (CAS No. 30402-14-3; 55722-27-5)
- 7. 2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-tetrachlorodibenzo[b,e][1,4]dioxin) (CAS No. 1746-01-6)

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BOARD NOTE: Derived from appendix III to 40 CFR 268 (2015)(2010), (2015).

(Source: Amended at 40 Ill. Reg. _____, effective _____)

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Section 728. Appendix G 728. APPENDIX G Federal Effective Dates

The following are the effective dates for the USEPA rules in 40 CFR 268. These generally became effective as Illinois rules at a later date.

TABLE 1

EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL AND DEBRIS) REGULATED IN THE LDRS⁴ — COMPREHENSIVE LIST

TABLE 1 EFFECTIVE DATES OF SURFACE DISPOSED WASTES (NON-SOIL AND DEBRIS) REGULATED IN THE LDRS® – COMPREHENSIVE LIST

Waste code	Waste category	Effective date
D001 ^c	All (except High TOC Ignitable Liquids)	August 9, 1993
D001	High TOC Ignitable Liquids	August 8, 1990
D002 ^c	All	August 9, 1993
D003 ^e	Newly identified surface-disposed elemental phosphorus processing wastes	May 26, 2000
D004	Newly identified D004 and mineral processing wastes	August 24, 1998
D004	Mixed radioactive/newly identified D004 or mineral processing wastes	May 26, 2000
D005	Newly identified D005 and mineral processing wastes	August 24, 1998
D005	Mixed radioactive/newly identified D005 or mineral processing wastes	May 26, 2000
D006	Newly identified D006 and mineral processing wastes	August 24, 1998
D006	Mixed radioactive/newly identified D006 or mineral processing wastes	May 26, 2000
D007	Newly identified D007 and mineral processing wastes	August 24, 1998
D007	Mixed radioactive/newly identified D007 or mineral processing wastes	May 26, 2000
D008	Newly identified D008 and mineral processing waste	August 24, 1998
D008	Mixed radioactive/newly identified D008 or mineral processing wastes	May 26, 2000
D009	Newly identified D009 and mineral processing waste	August 24, 1998
D009	Mixed radioactive/newly identified D009 or mineral processing wastes	May 26, 2000

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D010	Newly identified D010 and mineral processing wastes	August 24, 1998
D010	Mixed radioactive/newly identified D010 or mineral processing wastes	May 26, 2000
D011	Newly identified D011 and mineral processing wastes	August 24, 1998
D011	Mixed radioactive/newly identified D011or mineral processing wastes	May 26, 2000
D012 (that exhibit the	All	December 14, 1994
toxicity characteristic		
based on the TCLP) ^d		
D013 (that exhibit the	All	December 14, 1994
toxicity characteristic		10000000000
based on the TCLP) ^d		
D014 (that exhibit the	All	December 14, 1994
toxicity characteristic		With American Maria and
based on the TCLP) ^d		
D015 (that exhibit the	All	December 14, 1994
toxicity characteristic		
based on the TCLP) ^d		
D016 (that exhibit the	All	December 14, 1994
toxicity characteristic		
based on the TCLP) ^d		
D017 (that exhibit the	All	December 14, 1994
toxicity characteristic		
based on the TCLP) ^d		
D018	Mixed with radioactive wastes	September 19, 1996
D018	All others	December 19, 1994
D019	Mixed with radioactive wastes	September 19, 1996
D019	All others	December 19, 1994
D020	Mixed with radioactive wastes	September 19, 1996
D020	All others	December 19, 1994
D021	Mixed with radioactive wastes	September 19, 1996
D021	All others	December 19, 1994
D022	Mixed with radioactive wastes	September 19, 1996
D022	All others	December 19, 1994
D023	Mixed with radioactive wastes	September 19, 1996
D023	All others	December 19, 1994
D024	Mixed with radioactive wastes	September 19, 1996
D024	All others	December 19, 1994

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D025	Mixed with radioactive wastes
D025	All others
D026	Mixed with radioactive wastes
D026	All others
D027	Mixed with radioactive wastes
D027	All others
D028	Mixed with radioactive wastes
D028	All others
D029	Mixed with radioactive wastes
D029	All others
D030	Mixed with radioactive wastes
D030	All others
D031	Mixed with radioactive wastes
D031	All others
D032	Mixed with radioactive wastes
D032	All others
D033	Mixed with radioactive wastes
D033	All others
D034	Mixed with radioactive wastes
D034	All others
D035	Mixed with radioactive wastes
D035	All others
D036	Mixed with radioactive wastes
D036	All others
D037	Mixed with radioactive wastes
D037	All others
D038	Mixed with radioactive wastes
D038	All others
D039	Mixed with radioactive wastes
D039	All others
D040	Mixed with radioactive wastes
D040	All others
D041	Mixed with radioactive wastes
D041	All others
D042	Mixed with radioactive wastes
D042	All others
D043	Mixed with radioactive wastes
D043	All others
D045	Anomers

September 19, 1996 December 19, 1994 September 19, 1996 December 19, 1994

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F001	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F001	All others	November 8, 1986
F002	Wastewater and Nonwastewater	August 8, 1990
(1,1,2-trichloroethane)		
F002	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F002	All others	November 8, 1986
F003	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F003	All others	November 8, 1986
F004	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F004	All others	November 8, 1986
F005 (benzene,	Wastewater and Nonwastewater	August 8, 1990
2-ethoxy ethanol,		
2-nitropropane)		
F005	Small quantity generators, CERCLA response/RCRA corrective action, initial generator's solvent-water mixtures, solvent-containing sludges and solids	November 8, 1988
F005	All others	November 8, 1986
F006	Wastewater	August 8, 1990
F006	Nonwastewater	August 8, 1988
F006 (cyanides)	Nonwastewater	July 8, 1989
F007	All	July 8, 1989
F008	All	July 8, 1989
F009	All	July 8, 1989
F010	All	June 8, 1989
F011 (cyanides)	Nonwastewater	December 8, 1989
F011	All others	July 8, 1989
F012 (cyanides)	Nonwastewater	December 8, 1989
F012	All others	July 8, 1989
F019	All	August 8, 1990
F020	All	November 8, 1988

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F021	All	November 8, 1988
F025	All	August 8, 1990
F026	All	November 8, 1988
F027	All	November 8, 1988
F028	All	November 8, 1988
F032	Mixed with radioactive wastes	May 12, 1999
F032	All others	August 12, 1997
F034	Mixed with radioactive wastes	May 12, 1999
F034	All others	August 12, 1997
F035	Mixed with radioactive wastes	May 12, 1999
F035	All others	August 12, 1997
F037	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F037	Generated from surface impoundment cleanouts or closures	June 30, 1994
F037	Mixed with radioactive wastes	June 30, 1994
F038	Not generated from surface impoundment cleanouts or closures	June 30, 1993
F038	Generated from surface impoundment cleanouts or closures	June 30, 1994
F038	Mixed with radioactive wastes	June 30, 1994
F039	Wastewater	August 8, 1990
F039	Nonwastewater	May 8, 1992
K001 (organics) ^b	All	August 8, 1988
K001	All others	August 8, 1988
K002	All	August 8, 1990
K003	All	August 8, 1990
K004	Wastewater	August 8, 1990
K004	Nonwastewater	August 8, 1988
K005	Wastewater	August 8, 1990
K005	Nonwastewater	June 8, 1989
K006	All	August 8, 1990
K007	Wastewater	August 8, 1990
K007	Nonwastewater	June 8, 1989
K008	Wastewater	August 8, 1990
K008	Nonwastewater	August 8, 1988
K009	All	June 8, 1989
K010	All	June 8, 1989

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K011	Wastewater
K011	Nonwastewater
K013	Wastewater
K013	Nonwastewater
K014	Wastewater
K014	Nonwastewater
K015	Wastewater
K015	Nonwastewater
K016	All
K017	All
K018	All
K019	All
K020	All
K021	Wastewater
K021	Nonwastewater
K022	Wastewater
K022	Nonwastewater
K023	All
K024	All
K025	Wastewater
K025	Nonwastewater
K026	All
K027	All
K028 (metals)	Nonwastewater
K028	All others
K029	Wastewater
K029	Nonwastewater
K030	All
K031	Wastewater
K031	Nonwastewater
K032	All
K033	All
K034	All
K035	All
K036	Wastewater
K036	Nonwastewater
K037 ^b	Wastewater
K037	Nonwastewater

August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 August 8, 1988 June 8, 1989 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1990 May 8, 1992 August 8, 1990 August 8, 1990 August 8, 1990 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1988 August 8, 1988

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K038	All
K039	All
K040	All
K041	All
K042	All
K043	All
K044	All
K045	All
K046 (Nonreactive)	Nonwastewater
K046	All others
K047	All
K048	Wastewater
K048	Nonwastewater
K049	Wastewater
K049	Nonwastewater
K050	Wastewater
K050	Nonwastewater
K051	Wastewater
K051	Nonwastewater
K052	Wastewater
K052	Nonwastewater
K060	Wastewater
K060	Nonwastewater
K061	Wastewater
K061	Nonwastewater
K062	All
K069 (non-calcium	Nonwastewater
sulfate)	
K069	All others
K071	All
K073	All
K083	All
K084	Wastewater
K084	Nonwastewater
K085	All
K086 (organics) ^b	All
K086	All others
K087	All

June 8, 1989 June 8, 1989 June 8, 1989 August 8, 1990 August 8, 1990 June 8, 1989 August 8, 1988 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1990 November 8, 1990 August 8, 1990 August 8, 1988 August 8, 1990 June 30, 1992 August 8, 1988 August 8, 1988 August 8, 1990 May 8, 1992 August 8, 1990 August 8, 1988 August 8, 1988 August 8, 1988

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K088	Mixed with radioactive wastes
K088	All others
K088	All others
K093	All
K094	All
K095	Wastewater
K095	Nonwastewater
K096	Wastewater
K096	Nonwastewater
K097	All
K098	All
K099	All
K100	Wastewater
K100	Nonwastewater
K101 (organics)	Wastewater
K101 (metals)	Wastewater
K101 (organics)	Nonwastewater
K101 (metals)	Nonwastewater
K102 (organics)	Wastewater
K102 (metals)	Wastewater
K102 (organics)	Nonwastewater
K102 (metals)	Nonwastewater
K103	All
K104	All
K105	All
K106	Wastewater
K106	Nonwastewater
K107	Mixed with radioactive wastes
K107	All others
K108	Mixed with radioactive wastes
K108	All others
K109	Mixed with radioactive wastes
K109	All others
K110	Mixed with radioactive wastes
K110	All others
K111	Mixed with radioactive wastes
K111	All others
K112	Mixed with radioactive wastes

April 8, 1998 October 8, 1997 January 8, 1997 June 8, 1989 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 June 8, 1989 August 8, 1990 August 8, 1990 August 8, 1988 August 8, 1990 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1988 May 8, 1992 August 8, 1988 August 8, 1990 August 8, 1988 May 8, 1992 August 8, 1988 August 8, 1988 August 8, 1990 August 8, 1990 May 8, 1992 June 30, 1994 November 9, 1992 June 30, 1994

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K112	All others
K113	All
K114	All
K115	All
K116	All
K117	Mixed with radioactive wastes
K117	All others
K118	Mixed with radioactive wastes
K118	All others
K123	Mixed with radioactive wastes
K123	All others
K124	Mixed with radioactive wastes
K124	All others
K125	Mixed with radioactive wastes
K125	All others
K126	Mixed with radioactive wastes
K126	All others
K131	Mixed with radioactive wastes
K131	All others
K132	Mixed with radioactive wastes
K132	All others
K136	Mixed with radioactive wastes
K136	All others
K141	Mixed with radioactive wastes
K141	All others
K142	Mixed with radioactive wastes
K142	All others
K143	Mixed with radioactive wastes
K143	All others
K144	Mixed with radioactive wastes
K144	All others
K145	Mixed with radioactive wastes
K145	All others
K147	Mixed with radioactive wastes
K147	All others
K148	Mixed with radioactive wastes
K148	All others
K149	Mixed with radioactive wastes

November 9, 1992 June 8, 1989 June 8, 1989 June 8, 1989 June 8, 1989 June 30, 1994 November 9, 1992 September 19, 1996 December 19, 1994 September 19, 1996

POLLUTION CONTROL BOARD

K149	All others	December 19, 1994
K150	Mixed with radioactive wastes	September 19, 1996
K150	All others	December 19, 1994
K151	Mixed with radioactive wastes	September 19, 1996
K151	All others	December 19, 1994
K156	Mixed with radioactive wastes	April 8, 1998
K156	All others	July 8, 1996
K157	Mixed with radioactive wastes	April 8, 1998
K157	All others	July 8, 1996
K158	Mixed with radioactive wastes	April 8, 1998
K158	All others	July 8, 1996
K159	Mixed with radioactive wastes	April 8, 1998
K159	All others	July 8, 1996
K160	Mixed with radioactive wastes	April 8, 1998
K160	All others	July 8, 1996
K161	Mixed with radioactive wastes	April 8, 1998
K161	All others	July 8, 1996
K169	All	February 8, 1999
K170	All	February 8, 1999
K171	All	February 8, 1999
K172	All	February 8, 1999
K174	All	May 7, 2001
K175	All	May 7, 2001
K176	All	May 20, 2002
K177	All	May 20, 2002
K178	All	May 20, 2002
K181	All	August 23, 2005
P001	All	August 8, 1990
P002	All	August 8, 1990
P003	All	August 8, 1990
P004	All	August 8, 1990
P005	All	August 8, 1990
P006	All	August 8, 1990
P007	All	August 8, 1990
P008	All	August 8, 1990
P009	All	August 8, 1990
P010	Wastewater	August 8, 1990
P010	Nonwastewater	May 8, 1992

POLLUTION CONTROL BOARD

P011	Wastewater	August 8, 1990
P011	Nonwastewater	May 8, 1992
P012	Wastewater	August 8, 1990
P012	Nonwastewater	May 8, 1992
P013 (barium)	Nonwastewater	August 8, 1990
P013	All others	June 8, 1989
P014	All	August 8, 1990
P015	All	August 8, 1990
P016	All	August 8, 1990
P017	All	August 8, 1990
P018	All	August 8, 1990
P020	All	August 8, 1990
P021	All	June 8, 1989
P022	All	August 8, 1990
P023	All	August 8, 1990
P024	All	August 8, 1990
P026	All	August 8, 1990
P027	All	August 8, 1990
P028	All	August 8, 1990
P029	All	June 8, 1989
P030	All	June 8, 1989
P031	All	August 8, 1990
P033	All	August 8, 1990
P034	All	August 8, 1990
P036	Wastewater	August 8, 1990
P036	Nonwastewater	May 8, 1992
P037	All	August 8, 1990
P038	Wastewater	August 8, 1990
P038	Nonwastewater	May 8, 1992
P039	All	June 8, 1989
P040	All	June 8, 1989
P041	All	June 8, 1989
P042	All	August 8, 1990
P043	All	June 8, 1989
P044	All	June 8, 1989
P045	All	August 8, 1990
P046	All	August 8, 1990
P047	All	August 8, 1990

POLLUTION CONTROL BOARD

P048	All	August 8, 1990
P049	All	August 8, 1990
P050	All	August 8, 1990
P051	All	August 8, 1990
P054	All	August 8, 1990
P056	All	August 8, 1990
P057	All	August 8, 1990
P058	All	August 8, 1990
P059	All	August 8, 1990
P060	All	August 8, 1990
P062	All	June 8, 1989
P063	All	June 8, 1989
P064	All	August 8, 1990
P065	Wastewater	August 8, 1990
P065	Nonwastewater	May 8, 1992
P066	All	August 8, 1990
P067	All	August 8, 1990
P068	All	August 8, 1990
P069	All	August 8, 1990
P070	All	August 8, 1990
P071	All	June 8, 1989
P072	All	August 8, 1990
P073	All	August 8, 1990
P074	All	June 8, 1989
P075	All	August 8, 1990
P076	All	August 8, 1990
P077	All	August 8, 1990
P078	All	August 8, 1990
P081	All	August 8, 1990
P082	All	August 8, 1990
P084	All	August 8, 1990
P085	All	June 8, 1989
P087	All	May 8, 1992
P088	All	August 8, 1990
P089	All	June 8, 1989
P092	Wastewater	August 8, 1990
P092	Nonwastewater	May 8, 1992
P093	All	August 8, 1990

POLLUTION CONTROL BOARD

P094	All	June 8, 1989
P095	All	August 8, 1990
P096	All	August 8, 1990
P097	All	June 8, 1989
P098	All	June 8, 1989
P099 (silver)	Wastewater	August 8, 1990
P099	All others	June 8, 1989
P101	All	August 8, 1990
P102	All	August 8, 1990
P103	All	August 8, 1990
P104 (silver)	Wastewater	August 8, 1990
P104	All others	June 8, 1989
P105	All	August 8, 1990
P106	All	June 8, 1989
P108	All	August 8, 1990
P109	All	June 8, 1989
P110	All	August 8, 1990
P111	All	June 8, 1989
P112	All	August 8, 1990
P113	All	August 8, 1990
P114	All	August 8, 1990
P115	All	August 8, 1990
P116	All	August 8, 1990
P118	All	August 8, 1990
P119	All	August 8, 1990
P120	All	August 8, 1990
P121	All	June 8, 1989
P122	All	August 8, 1990
P123	All	August 8, 1990
P127	Mixed with radioactive wastes	April 8, 1998
P127	All others	July 8, 1996
P128	Mixed with radioactive wastes	April 8, 1998
P128	All others	July 8, 1996
P185	Mixed with radioactive wastes	April 8, 1998
P185	All others	July 8, 1996
P188	Mixed with radioactive wastes	April 8, 1998
P188	All others	July 8, 1996
P189	Mixed with radioactive wastes	April 8, 1998

POLLUTION CONTROL BOARD

P189	All others	July 8, 1996
P190	Mixed with radioactive wastes	April 8, 1998
P190	All others	July 8, 1996
P191	Mixed with radioactive wastes	April 8, 1998
P191	All others	July 8, 1996
P192	Mixed with radioactive wastes	April 8, 1998
P192	All others	July 8, 1996
P194	Mixed with radioactive wastes	April 8, 1998
P194	All others	July 8, 1996
P196	Mixed with radioactive wastes	April 8, 1998
P196	All others	July 8, 1996
P197	Mixed with radioactive wastes	April 8, 1998
P197	All others	July 8, 1996
P198	Mixed with radioactive wastes	April 8, 1998
P198	All others	July 8, 1996
P199	Mixed with radioactive wastes	April 8, 1998
P199	All others	July 8, 1996
P201	Mixed with radioactive wastes	April 8, 1998
P201	All others	July 8, 1996
P202	Mixed with radioactive wastes	April 8, 1998
P202	All others	July 8, 1996
P203	Mixed with radioactive wastes	April 8, 1998
P203	All others	July 8, 1996
P204	Mixed with radioactive wastes	April 8, 1998
P204	All others	July 8, 1996
P205	Mixed with radioactive wastes	April 8, 1998
P205	All others	July 8, 1996
U001	All	August 8, 1990
U002	All	August 8, 1990
U003	All	August 8, 1990
U004	All	August 8, 1990
U005	All	August 8, 1990
U006	All	August 8, 1990
U007	All	August 8, 1990
U008	All	August 8, 1990
U009	All	August 8, 1990
U010	All	August 8, 1990
U011	All	August 8, 1990

POLLUTION CONTROL BOARD

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All	
All	
	All All All All All All All All All All

August 8, 1990 June 8, 1989 August 8, 1990 August 8, 1990

POLLUTION CONTROL BOARD

U052	All	August 8, 1990
U053	All	August 8, 1990
U055	All	August 8, 1990
U056	All	August 8, 1990
U057	All	August 8, 1990
U058	All	June 8, 1989
U059	All	August 8, 1990
U060	All	August 8, 1990
U061	All	August 8, 1990
U062	All	August 8, 1990
U063	All	August 8, 1990
U064	All	August 8, 1990
U066	All	August 8, 1990
U067	All	August 8, 1990
U068	All	August 8, 1990
U069	All	June 30, 1992
U070	All	August 8, 1990
U071	All	August 8, 1990
U072	All	August 8, 1990
U073	All	August 8, 1990
U074	All	August 8, 1990
U075	All	August 8, 1990
U076	All	August 8, 1990
U077	All	August 8, 1990
U078	All	August 8, 1990
U079	All	August 8, 1990
U080	All	August 8, 1990
U081	All	August 8, 1990
U082	All	August 8, 1990
U083	All	August 8, 1990
U084	All	August 8, 1990
U085	All	August 8, 1990
U086	All	August 8, 1990
U087	All	June 8, 1989
U088	All	June 8, 1989
U089	All	August 8, 1990
U090	All	August 8, 1990
U091	All	August 8, 1990

POLLUTION CONTROL BOARD

U092	All	August 8, 1990
U093	All	August 8, 1990
U094	All	August 8, 1990
U095	All	August 8, 1990
U096	All	August 8, 1990
U097	All	August 8, 1990
U098	All	August 8, 1990
U099	All	August 8, 1990
U101	All	August 8, 1990
U102	All	June 8, 1989
U103	All	August 8, 1990
U105	All	August 8, 1990
U106	All	August 8, 1990
U107	All	June 8, 1989
U108	All	August 8, 1990
U109	All	August 8, 1990
U110	All	August 8, 1990
U111	All	August 8, 1990
U112	All	August 8, 1990
U113	All	August 8, 1990
U114	All	August 8, 1990
U115	All	August 8, 1990
U116	All	August 8, 1990
U117	All	August 8, 1990
U118	All	August 8, 1990
U119	All	August 8, 1990
U120	All	August 8, 1990
U121	All	August 8, 1990
U122	All	August 8, 1990
U123	All	August 8, 1990
U124	All	August 8, 1990
U125	All	August 8, 1990
U126	All	August 8, 1990
U127	All	August 8, 1990
U128	All	August 8, 1990
U129	All	August 8, 1990
U130	All	August 8, 1990
U131	All	August 8, 1990

POLLUTION CONTROL BOARD

U132	All	August 8, 1990
U133	All	August 8, 1990 August 8, 1990
U134	All	
U135	All	August 8, 1990 August 8, 1990
U136	Wastewater	August 8, 1990
U136		
U130	Nonwastewater All	May 8, 1992
U138	All	August 8, 1990
U140	All	August 8, 1990
		August 8, 1990
U141	All	August 8, 1990
U142 U143	All	August 8, 1990
	All	August 8, 1990
U144	All	August 8, 1990
U145	All	August 8, 1990
U146	All	August 8, 1990
U147	All	August 8, 1990
U148	All	August 8, 1990
U149	All	August 8, 1990
U150	All	August 8, 1990
U151	Wastewater	August 8, 1990
U151	Nonwastewater	May 8, 1992
U152	All	August 8, 1990
U153	All	August 8, 1990
U154	All	August 8, 1990
U155	All	August 8, 1990
U156	All	August 8, 1990
U157	All	August 8, 1990
U158	All	August 8, 1990
U159	All	August 8, 1990
U160	All	August 8, 1990
U161	All	August 8, 1990
U162	All	August 8, 1990
U163	All	August 8, 1990
U164	All	August 8, 1990
U165	All	August 8, 1990
U166	All	August 8, 1990
U167	All	August 8, 1990
U168	All	August 8, 1990

POLLUTION CONTROL BOARD

U169	All	August 8, 1990
U170	All	August 8, 1990
U171	All	August 8, 1990
U172	All	August 8, 1990
U173	All	August 8, 1990
U174	All	August 8, 1990
U176	All	August 8, 1990
U177	All	August 8, 1990
U178	All	August 8, 1990
U179	All	August 8, 1990
U180	All	August 8, 1990
U181	All	August 8, 1990
U182	All	August 8, 1990
U183	All	August 8, 1990
U184	All	August 8, 1990
U185	All	August 8, 1990
U186	All	August 8, 1990
U187	All	August 8, 1990
U188	All	August 8, 1990
U189	All	August 8, 1990
U190	All	June 8, 1989
U191	All	August 8, 1990
U192	All	August 8, 1990
U193	All	August 8, 1990
U194	All	June 8, 1989
U196	All	August 8, 1990
U197	All	August 8, 1990
U200	All	August 8, 1990
U201	All	August 8, 1990
U203	All	August 8, 1990
U204	All	August 8, 1990
U205	All	August 8, 1990
U206	All	August 8, 1990
U207	All	August 8, 1990
U208	All	August 8, 1990
U209	All	August 8, 1990
U210	All	August 8, 1990
U211	All	August 8, 1990
0211	An	August 8, 1990

POLLUTION CONTROL BOARD

U213	All	August 8, 1990
U214	All	August 8, 1990
U215	All	August 8, 1990
U216	All	August 8, 1990
U217	All	August 8, 1990
U218	All	August 8, 1990
U219	All	August 8, 1990
U220	All	August 8, 1990
U221	All	June 8, 1989
U222	All	August 8, 1990
U223	All	June 8, 1989
U225	All	August 8, 1990
U226	All	August 8, 1990
U227	All	August 8, 1990
U228	All	August 8, 1990
U234	All	August 8, 1990
U235	All	June 8, 1989
U236	All	August 8, 1990
U237	All	August 8, 1990
U238	All	August 8, 1990
U239	All	August 8, 1990
U240	All	August 8, 1990
U243	All	August 8, 1990
U244	All	August 8, 1990
U246	All	August 8, 1990
U247	All	August 8, 1990
U248	All	August 8, 1990
U249	All	August 8, 1990
U271	Mixed with radioactive wastes	April 8, 1998
U271	All others	July 8, 1996
U277	Mixed with radioactive wastes	April 8, 1998
U277	All others	July 8, 1996
U278	Mixed with radioactive wastes	April 8, 1998
U278	All others	July 8, 1996
U279	Mixed with radioactive wastes	April 8, 1998
U279	All others	July 8, 1996
U280	Mixed with radioactive wastes	April 8, 1998
U280	All others	July 8, 1996
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U328	Mixed with radioactive wastes	June 30, 1994	
U328	All others	November 9, 1992	
U353	Mixed with radioactive wastes	June 30, 1994	
U353	All others	November 9, 1992	
U359	Mixed with radioactive wastes	June 30, 1994	
U359	All others	November 9, 1992	
U364	Mixed with radioactive wastes	April 8, 1998	
U364	All others	July 8, 1996	
U365	Mixed with radioactive wastes	April 8, 1998	
U365	All others	July 8, 1996	
U366	Mixed with radioactive wastes	April 8, 1998	
U366	All others	July 8, 1996	
U367	Mixed with radioactive wastes	April 8, 1998	
U367	All others	July 8, 1996	
U372	Mixed with radioactive wastes	April 8, 1998	
U372	All others	July 8, 1996	
U373	Mixed with radioactive wastes	April 8, 1998	
U373	All others	July 8, 1996	
U375	Mixed with radioactive wastes	April 8, 1998	
U375	All others	July 8, 1996	
U376	Mixed with radioactive wastes	April 8, 1998	
U376	All others	July 8, 1996	
U377	Mixed with radioactive wastes	April 8, 1998	
U377	All others	July 8, 1996	
U378	Mixed with radioactive wastes	April 8, 1998	
U378	All others	July 8, 1996	
U379	Mixed with radioactive wastes	April 8, 1998	
U379	All others	July 8, 1996	
U381	Mixed with radioactive wastes	April 8, 1998	
U381	All others	July 8, 1996	
U382	Mixed with radioactive wastes	April 8, 1998	
U382	All others	July 8, 1996	
U383	Mixed with radioactive wastes	April 8, 1998	
U383	All others	July 8, 1996	
U384	Mixed with radioactive wastes	April 8, 1998	
U384	All others	July 8, 1996	
U385	Mixed with radioactive wastes	April 8, 1998	
U385	All others	July 8, 1996	

POLLUTION CONTROL BOARD

U386	Mixed with radioactive wastes	April 8, 1998
U386	All others	July 8, 1996
U387	Mixed with radioactive wastes	April 8, 1998
U387	All others	July 8, 1996
U389	Mixed with radioactive wastes	April 8, 1998
U389	All others	July 8, 1996
U390	Mixed with radioactive wastes	April 8, 1998
U390	All others	July 8, 1996
U391	Mixed with radioactive wastes	April 8, 1998
U391	All others	July 8, 1996
U392	Mixed with radioactive wastes	April 8, 1998
U392	All others	July 8, 1996
U393	Mixed with radioactive wastes	April 8, 1998
U393	All others	July 8, 1996
U394	Mixed with radioactive wastes	April 8, 1998
U394	All others	July 8, 1996
U395	Mixed with radioactive wastes	April 8, 1998
U395	All others	July 8, 1996
U396	Mixed with radioactive wastes	April 8, 1998
U396	All others	July 8, 1996
U400	Mixed with radioactive wastes	April 8, 1998
U400	All others	July 8, 1996
U401	Mixed with radioactive wastes	April 8, 1998
U401	All others	July 8, 1996
U402	Mixed with radioactive wastes	April 8, 1998
U402	All others	July 8, 1996
U403	Mixed with radioactive wastes	April 8, 1998
U403	All others	July 8, 1996
U404	Mixed with radioactive wastes	April 8, 1998
U404	All others	July 8, 1996
U407	Mixed with radioactive wastes	April 8, 1998
U407	All others	July 8, 1996
U409	Mixed with radioactive wastes	April 8, 1998
U409	All others	July 8, 1996
U410	Mixed with radioactive wastes	April 8, 1998
U410	All others	July 8, 1996
U411	Mixed with radioactive wastes	April 8, 1998
U411	All others	July 8, 1996

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^a This table also does not include contaminated soil and debris wastes.

- ^b The standard was revised in the Third Third Final Rule (adopted by USEPA at 55 Fed. Reg. 22520 (June 1, 1990), which the Board adopted in docket R90-11 at 15 Ill. Reg. 9462, effective June 17, 1991.
- ^c USEPA amended the standard in the Third Third Emergency Rule (at 58 Fed. Reg. 29860 (May 24, 1993), which the Board adopted in docket R93-16 at 18 Ill. Reg. 6799, effective April 26, 1994); the original effective date was August 8, 1990.
- ^d The standard was revised in the Phase II Final Rule (that USEPA adopted at 59 Fed. Reg. 47982 (September 19, 1994), which the Board adopted in docket R95-6 at 19 Ill. Reg. 9660, effective June 27, 1995); the original effective date was August 8, 1990.
- ^e The standards for selected reactive wastes was revised in the Phase III Final Rule (that USEPA adopted at 61 Fed. Reg. 15566 (April 8, 1996), which the Board adopted in docket R96-10/R97-3/R97-5 (consolidated) at 22 Ill. Reg. 783, effective December 16, 1997); the original effective date was August 8, 1990.

TABLE 2

SUMMARY OF EFFECTIVE DATES OF LAND DISPOSAL RESTRICTIONS FOR CONTAMINATED SOIL AND DEBRIS (CSD)

Re	stricted hazardous waste in CSD	Effective date
1.	Solvent- (F001-F005) and dioxin- (F020-F023 and F026-F028) containing soil and debris from CERCLA response or RCRA corrective actions.	November 8, 1990
2.	Soil and debris not from CERCLA response or RCRA corrective actions contaminated with less than one percent total solvents (F001-F005) or dioxins (F020-F023 and F026-F028).	November 8, 1988
3.	All soil and debris contaminated with First Third wastes for which treatment standards are based on incineration.	August 8, 1990
4.	All soil and debris contaminated with Second Third wastes for which treatment standards are based on incineration.	June 8, 1991
5.	All soil and debris contaminated with Third Third wastes or, First or Second Third "soft hammer" wastes that had treatment standards promulgated in the Third Third rule, for which treatment standards are based on incineration, vitrification, or mercury retorting, acid leaching followed by chemical	May 8, 1992

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precipitation, or thermal recovery of metals, as well as all inorganic solids debris contaminated with D004-D011 wastes, and all soil and debris contaminated with mixed RCRA/radioactive wastes. 6. Soil and debris contaminated with D012-D043, K141-K145, and K147-151 December 19, wastes. 1994 7. Debris (only) contaminated with F037, F038, K107-K112, K117, K118, December 19, 1994 K123-K126, K131, K132, K136, U328, U353, U359. Soil and debris contaminated with K156- K161, P127, P128, P188-P192, July 8, 1996 P194, P196- P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. 9. Soil and debris contaminated with K088 wastes. October 8, 1997 10. Soil and debris contaminated with radioactive wastes mixed with K088, April 8, 1998 K156-K161, P127, P128, P188-P192, P194, P196-P199, P201-P205, U271, U277-U280, U364-U367, U372, U373, U375-U379, U381-U387, U389-U396, U400-U404, U407, and U409-U411 wastes. 11. Soil and debris contaminated with F032, F034, and F035. May 12, 1997 12. Soil and debris contaminated with newly identified D004-D011 toxicity August 24, 1998 characteristic wastes and mineral processing wastes. 13. Soil and debris contaminated with mixed radioactive newly identified D011 May 26, 2000 characteristic wastes and mineral processing wastes. BOARD NOTE: These tables are provided for the convenience of the reader.

(Source: Amended at 40 Ill. Reg. — , effective _____)

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Section 728. Table C 728. TABLE C Technology Codes and Description of Technology-Based Standards

Description of Technology-Based Standard	
Venting of compressed gases into an absorbing or reacting media (i.e., solid or liquid)—venting can be accomplished through physical release utilizing valves or piping; physical penetration of the container; or penetration through detonation.	
Amalgamation of liquid, elemental mercury contaminated with radioactive materials utilizing inorganic reagents such as copper, zinc, nickel, gold, and sulfur that result in a nonliquid, semi-solid amalgam and thereby reducing potential emissions of elemental mercury vapors to the air.	
Biodegradation of organics or non-metallic inorganics (i.e., degradable inorganics that contain the elements of phosphorus, nitrogen, and sulfur) in units operated under either aerobic or anaerobic conditions such that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the biodegradation of many organic constituents that cannot be directly analyzed in wastewater residues).	
Carbon adsorption (granulated or powdered) of non-metallic inorganics, organo-metallics, or organic constituents, operated so that a surrogate compound or indicator parameter has not undergone breakthrough (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the adsorption of many organic constituents that cannot be directly analyzed in wastewater residues). Breakthrough occurs when the carbon has become saturated with the constituent (or indicator parameter) and substantial change in adsorption rate associated with that constituent occurs.	
Chemical or electrolytic oxidation utilizing the following oxidation reagents (or waste reagents) or combinations or reagents:	
1) hypochlorite (e.g., bleach);	
2) chlorine;	

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- chlorine dioxide;
- 4) ozone or UV (ultraviolet light) assisted ozone;
- 5) peroxides;
- 6) persulfates;
- 7) perchlorates;
- 8) permanganates; or
- 9) other oxidizing reagents of equivalent efficiency, performed in units operated so that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the oxidation of many organic constituents that cannot be directly analyzed in wastewater residues). Chemical oxidation specifically includes what is commonly referred to as alkaline chlorination.
- CHRED Chemical reduction utilizing the following reducing reagents (or waste reagents) or combinations of reagents:
 - 1) sulfur dioxide;
 - sodium, potassium, or alkali salts of sulfites, bisulfites, metabisulfites, and polyethylene glycols (e.g., NaPEG and KPEG);
 - sodium hydrosulfide;
 - 4) ferrous salts; or
 - 5) other reducing reagents of equivalent efficiency, performed in units operated such that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic halogens (TOX) can often be used as an indicator parameter for the reduction of many halogenated organic constituents that cannot be directly

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analyzed in wastewater residues). Chemical reduction is commonly used for the reduction of hexavalent chromium to the trivalent state.

- CMBST High temperature organic destruction technologies, such as combustion in incinerators, boilers, or industrial furnaces operated in accordance with the applicable requirements of Subpart O of 35 Ill. Adm. Code 724, Subpart O of 35 Ill. Adm. Code 725, or Subpart H of 35 Ill. Adm. Code 726, and in other units operated in accordance with applicable technical operating requirements; and certain non-combustive technologies, such as the Catalytic Extraction Process.
- DEACT Deactivation to remove the hazardous characteristics of a waste due to its ignitability, corrosivity, or reactivity.
- FSUBS Fuel substitution in units operated in accordance with applicable technical operating requirements.
- HLVIT Vitrification of high-level mixed radioactive wastes in units in compliance with all applicable radioactive protection requirements under control of the federal Nuclear Regulatory Commission.
- IMERC Incineration of wastes containing organics and mercury in units operated in accordance with the technical operating requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725. All wastewater and nonwastewater residues derived from this process must then comply with the corresponding treatment standards per waste code with consideration of any applicable subcategories (e.g., high or low mercury subcategories).
- INCIN Incineration in units operated in accordance with the technical operating requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725.
- LLEXT Liquid-liquid extraction (often referred to as solvent extraction) of organics from liquid wastes into an immiscible solvent for which the hazardous constituents have a greater solvent affinity, resulting in an extract high in organics that must undergo either incineration, reuse as a fuel, or other recovery or reuse and a raffinate (extracted liquid waste) proportionately low in organics that must undergo further treatment as specified in the standard.

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MACRO	Macroencapsulation with surface coating materials such as polymeric organics (e.g., resins and plastics) or with a jacket of inert inorganic materials to substantially reduce surface exposure to potential leaching media. Macroencapsulation specifically does not include any material that would be classified as a tank or container according to 35 Ill. Adm. Code 720.110.
NEUTR	Neutralization with the following reagents (or waste reagents) or combinations of reagents:
	1) acids;
	2) bases; or
	3) water (including wastewaters) resulting in a pH greater than two but less than 12.5 as measured in the aqueous residuals.
NLDBR	No land disposal based on recycling.
POLYM	Formation of complex high-molecular weight solids through polymerization of monomers in high-TOC D001 nonwastewaters that are chemical components in the manufacture of plastics.
PRECP	Chemical precipitation of metals and other inorganics as insoluble precipitates of oxides, hydroxides, carbonates, sulfides, sulfates, chlorides, fluorides, or phosphates. The following reagents (or waste reagents) are typically used alone or in combination:
	1) lime (i.e., containing oxides or hydroxides of calcium or magnesium);
	2) caustic (i.e., sodium or potassium hydroxides);
	3) soda ash (i.e., sodium carbonate);
	4) sodium sulfide;
	5) ferric sulfate or ferric chloride;

6) alum; or

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- sodium sulfate. Additional flocculating, coagulation, or similar reagents or processes that enhance sludge dewatering characteristics are not precluded from use.
- RBERY Thermal recovery of beryllium.
- RCGAS Recovery or reuse of compressed gases including techniques such as reprocessing of the gases for reuse or resale; filtering or adsorption of impurities; remixing for direct reuse or resale; and use of the gas as a fuel source.
- RCORR Recovery of acids or bases utilizing one or more of the following recovery technologies:
 - 1) distillation (i.e., thermal concentration);
 - 2) ion exchange;
 - 3) resin or solid adsorption;
 - reverse osmosis; or
 - 5) incineration for the recovery of acid

Note: this does not preclude the use of other physical phase separation or concentration techniques such as decantation, filtration (including ultrafiltration), and centrifugation, when used in conjunction with the above listed recovery technologies.

- RLEAD Thermal recovery of lead in secondary lead smelters.
- RMERC Retorting or roasting in a thermal processing unit capable of volatilizing mercury and subsequently condensing the volatilized mercury for recovery. The retorting or roasting unit (or facility) must be subject to one or more of the following:
 - a) A federal national emissions standard for hazardous air pollutants (NESHAP) for mercury (subpart E of 40 CFR 61);

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- A best available control technology (BACT) or a lowest achievable emission rate (LAER) standard for mercury imposed pursuant to a prevention of significant deterioration (PSD) permit (including 35 Ill. Adm. Code 201 through 203); or
- c) A state permit that establishes emission limitations (within meaning of Section 302 of the Clean Air Act) for mercury, including a permit issued pursuant to 35 Ill. Adm. Code 201. All wastewater and nonwastewater residues derived from this process must then comply with the corresponding treatment standards per waste code with consideration of any applicable subcategories (e.g., high or low mercury subcategories).
- RMETL Recovery of metals or inorganics utilizing one or more of the following direct physical or removal technologies:
 - 1) ion exchange;
 - 2) resin or solid (i.e., zeolites) adsorption;
 - 3) reverse osmosis;
 - chelation or solvent extraction;
 - 5) freeze crystallization;
 - 6) ultrafiltration; or
 - 7) simple precipitation (i.e., crystallization)

Note: this does not preclude the use of other physical phase separation or concentration techniques such as decantation, filtration (including ultrafiltration), and centrifugation, when used in conjunction with the above listed recovery technologies.

- RORGS Recovery of organics utilizing one or more of the following technologies:
 - 1) Distillation;

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- 2) thin film evaporation;
- 3) steam stripping;
- 4) carbon adsorption;
- 5) critical fluid extraction;
- 6) liquid-liquid extraction;
- 7) precipitation or crystallization (including freeze crystallization); or
- chemical phase separation techniques (i.e., addition of acids, bases, demulsifiers, or similar chemicals).

Note: This does not preclude the use of other physical phase separation techniques such as decantation, filtration (including ultrafiltration), and centrifugation, when used in conjunction with the above listed recovery technologies.

- RTHRM Thermal recovery of metals or inorganics from nonwastewaters in units defined as cement kilns, blast furnaces, smelting, melting and refining furnaces, combustion devices used to recover sulfur values from spent sulfuric acid and ""other devices" determined by the Agency pursuant to 35 Ill. Adm. Code 720.110, the definition of "industrial furnace."
- RZINC Resmelting in high temperature metal recovery units for the purpose of recovery of zinc.
- STABL Stabilization with the following reagents (or waste reagents) or combinations of reagents:
 - 1) Portland cement; or
 - 2) lime or pozzolans (e.g., fly ash and cement kiln dust)—____this does not preclude the addition of reagents (e.g., iron salts, silicates, and clays) designed to enhance the set or cure time or compressive strength, or to overall reduce the leachability of the metal or inorganic.

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SSTRP	Steam stripping of organics from liquid wastes utilizing direct application of steam to the wastes operated such that liquid and vapor flow rates, as well as temperature and pressure ranges, have been optimized, monitored, and maintained. These operating parameters are dependent upon the design parameters of the unit, such as, the number of separation stages and the internal column design. Thus resulting in a condensed extract high in organics that must undergo either incineration, reuse as a fuel, or other recovery or reuse and an extracted wastewater that must undergo further treatment as specified in the standard.
WETOX	Wet air oxidation performed in units operated such that a surrogate compound or indicator parameter has been substantially reduced in concentration in the residuals (e.g., total organic carbon (TOC) can often be used as an indicator parameter for the oxidation of many organic constituents that cannot be directly analyzed in wastewater residues).
WTRRX	Controlled reaction with water for highly reactive inorganic or organic chemicals with precautionary controls for protection of workers from potential violent reactions as well as precautionary controls for potential emissions of toxic or ignitable levels of gases released during the reaction.
Note 1:	When a combination of these technologies (i.e., a treatment train) is specified as a single treatment standard, the order of application is specified in Table T to this Part by indicating the five letter technology code that must be applied first, then the designation $\frac{420}{2}$ (an abbreviation for $\frac{420}{2}$ followed by $\frac{220}{2}$), then the five letter technology code for the technology that must be applied next, and so on.
Note 2:	When more than one technology (or treatment train) are specified as alternative treatment standards, the five letter technology codes (or the treatment trains) are separated by a semicolon (;) with the last technology preceded by the word "OR." This indicates that any one of these BDAT technologies or treatment trains can be used for compliance with the standard.
	BOARD NOTE: Derived from Table <u>1</u> I <u>+</u> in 40 CFR 268.42 (2007) . (2015)(2007).
(Sou	urce: Amended at 40 Ill. Reg, effective)

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Section 728.TABLE T Treatment Standards for Hazardous Wastes

Note: The treatment standards that heretofore appeared in tables in Sections 728.141, 728.142, and 728.143 have been consolidated into this table.

Waste Code

Waste Description and Treatment or Regulatory Subcategory¹

Regulated Hazardous Constituent		Wastewaters	Nonwastewaters Concentration ⁵ in
Common Name	CAS ² Number	Concentration ³ in mg/ ℓ ; or Technology Code ⁴	mg/kg unless noted as <u>""mg/l TCLP"</u> ; or Technology Code ⁴

D0019

Ignitable Characteristic Wastes, except for the 35 Ill. Adm. Code 721.121(a)(1) High TOC Subcategory.

NA	NA	DEACT and meet	DEACT and meet
		Section 728.148	Section 728.148
		standards8; or	standards8; or
		RORGS; or	RORGS; or
		CMBST	CMBST

D0019

High TOC Ignitable Characteristic Liquids Subcategory based on 35 Ill. Adm. Code 721.121(a)(1) — Greater than or equal to 10 percent total organic carbon.

(Note: This subcategory consists of nonwastewaters only.)

NA	NA	NA	RORGS; CMBST;
			or POLYM

D0029

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Corrosive Characteristic Wastes.

NA	NA	DEACT and meet	DEACT and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D002, D004, D005, D006, D007, D008, D009, D010, D011

Radioactive high level wastes generated during the reprocessing of fuel rods.

(Note: This subcategory consists of nonwastewaters only.)

Corrosivity (pH)	NA	NA	HLVIT
Arsenic	7440-38-2	NA	HLVIT
Barium	7440-39-3	NA	HLVIT
Cadmium	7440-43-9	NA	HLVIT
Chromium (Total)	7440-47-3	NA	HLVIT
Lead	7439-92-1	NA	HLVIT
Mercury	7439-97-6	NA	HLVIT
Selenium	7782-49-2	NA	HLVIT
Silver	7440-22-4	NA	HLVIT

D0039

Reactive Sulfides Subcategory based on 35 Ill. Adm. Code 721.123(a)(5).

NA	NA	DEACT	DEACT
D0039			
Explosive subcategory bas	ed on 35 Ill. Adm. Coc	le 721.123(a)(6), (a)(7)	, and (a)(8).

NA	NA	DEACT and meet	DEACT and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0039

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Unexploded ordnance and other explosive devices that have been the subject of an emergency response.

NA	NA	DEACT	DEACT
D0039			
Other Reactives Subcategory b	based on 35 Ill. Adm	. Code 721.123(a)(1).	
NA	NA	DEACT and meet Section 728.148 standards ⁸	DEACT and meet Section 728.148 standards ⁸
D0039			
Water Reactive Subcategory b	ased on 35 Ill. Adm.	Code 721.123(a)(2), (a)(3), and (a)(4).
(Note: This subcategory consi	sts of nonwastewate	rs only.)	
NA	NA	NA	DEACT and meet Section 728.148 standards ⁸
D003 ⁹			
Reactive Cyanides Subcategor	y based on 35 Ill. Ac	lm. Code 721.123(a)(5).	
Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	57-12-5 57-12-5	0.86	590 30
7 4 4 1			

D0049

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for arsenic based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

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Arsenic

7440-38-2

1.4 and meet Section 728.148 standards⁸ 5.0 mg/ℓ TCLP and meet Section 728.148 standards⁸

D0059

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for barium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Barium	7440-39-3	1.2 and meet	21 mg/l TCLP and
		Section 728.148	meet Section
		standards ⁸	728.148 standards ⁸

D0069

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for cadmium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in <u>"</u>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods,<u>"</u> USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Cadmium	7440-43-9	0.69 and meet	0.11 mg/l TCLP
		Section 728.148	and meet Section
		standards ⁸	728.148 standards ⁸

D0069

Cadmium-Containing Batteries Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Cadmium 7440-43-9 NA RTHRM

D0069

Radioactively contaminated cadmium-containing batteries.

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NA

(Note: This subcategory consists of nonwastewaters only.)

Cadmium

7440-43-9

Macroencapsulation in accordance with Section 728.145

D0079

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for chromium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chromium (Total)	7440-47-3	2.77 and meet	0.60 mg/ℓ TCLP
		Section 728.148	and meet Section
		standards ⁸	728.148 standards8

D0089

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for lead based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Lead	7439-92-1	0.69 and meet	0.75 mg/l TCLP
		Section 728.148	and meet Section
		standards ⁸	728.148 standards ⁸

D0089

Lead Acid Batteries Subcategory

(Note: This standard only applies to lead acid batteries that are identified as RCRA hazardous wastes and that are not excluded elsewhere from regulation under the land disposal restrictions of this Part or exempted under other regulations (see 35 Ill. Adm. Code 726.180). This subcategory consists of nonwastewaters only.)

Lead	7439-92-1	NA	RLEAD
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D0089

Radioactive Lead Solids Subcategory

(Note: These lead solids include, but are not limited to, all forms of lead shielding and other elemental forms of lead. These lead solids do not include treatment residuals such as hydroxide sludges, other wastewater treatment residuals, or incinerator ashes that can undergo conventional pozzolanic stabilization, nor do they include organo-lead materials that can be incinerated and stabilized as ash. This subcategory consists of nonwastewaters only.)

Lead	7439-92-1	NA	MACRO

D0099

Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain greater than or equal to 260 mg/kg total mercury that also contain organics and are not incinerator residues. (High Mercury-Organic Subcategory)

Mercury	7439-97-6	NA	IMERC; or
			RMERC

D0099

Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain greater than or equal to 260 mg/kg total mercury that are inorganic, including incinerator residues and residues from RMERC. (High Mercury-Inorganic Subcategory)

Mercury	7439-97-6	NA	RMERC
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D0099

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Nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less than 260 mg/kg total mercury. (Low Mercury Subcategory)

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
			and meet Section
			728.148 standards ⁸

D0099

All other nonwastewaters that exhibit, or are expected to exhibit, the characteristic of toxicity for mercury based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a); and contain less than 260 mg/kg total mercury and that are not residues from RMERC. (Low Mercury Subcategory)

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP and meet Section 728.148 standards ⁸
D009 ⁹			
All D009 wastewaters.			
Mercury	7439-97-6	0.15 and meet Section 728.148 standards ⁸	NA
D009 ⁹			
Elemental mercury contan	ninated with radioactive ma	aterials.	
(Note: This subcategory c	onsists of nonwastewaters	only.)	
Manage	7420.07 (DT A	ANTICAL

Mercury 7439-97-6 NA AMLGM

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D0099

Hydraulic oil contaminated with Mercury Radioactive Materials Subcategory.

(Note: This subcategory consists of nonwastewaters only.)

Mercury	7439-97-	6 NA	IMERC
D009 ⁹			
Radioactively cor	ntaminated mercury-containin	g batteries.	
(Note: This subc	ategory consists of nonwastev	vaters only.)	
Mercury	7439-97-6	NA	Macroencapsulation in accordance with Section 728.145

D0109

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for selenium based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Selenium	7782-49-2	0.82 and meet	5.7 mg/l TCLP
		Section 728.148	and meet Section
		standards ⁸	728.148 standards ⁸

D0119

Wastes that exhibit, or are expected to exhibit, the characteristic of toxicity for silver based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Silver	7440-22-4	0.43	0.14 mg/ℓ TCLP
			0

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and meet Section 728.148 standards⁸

D0119

Radioactively contaminated silver-containing batteries.

(Note: This subcategory consists of nonwastewaters only.)

Silver	7440-22-4	NA	Macroencapsulation in
			accordance with
			Section 728.145

D0129

Wastes that are TC for endrin based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Endrin	72-20-8	BIODG; or	0.13 and meet
		CMBST	Section 728.148 standards ⁸
Endrin aldehyde	7421-93-4	BIODG; or CMBST	0.13 and meet Section 728.148
			standards ⁸

D0139

Wastes that are TC for lindane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

α-BHC	319-84-6	CARBN; or	0.066 and meet
		CMBST	Section 728.148
			standards ⁸
β-ВНС	319-85-7	CARBN; or	0.066 and meet

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		CMBST	Section 728.148 standards ⁸
δ-ΒΗC	319-86-8	CARBN; or	0.066 and meet
		CMBST	Section 728.148 standards ⁸
γ-BHC (Lindane)	58-89-9	CARBN; or	0.066 and meet
		CMBST	Section 728.148 standards ⁸

D0149

Wastes that are TC for methoxychlor based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Methoxychlor	72-43-5	WETOX or	0.18 and meet
		CMBST	Section 728.148
			standards ⁸

D0159

Wastes that are TC for toxaphene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Toxaphene	8001-35-2	BIODG or	2.6 and meet
		CMBST	Section 728.148
			standards ⁸

D0169

Wastes that are TC for 2,4-D (2,4-dichlorophenoxyacetic acid) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

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2,4-D	94-75-7	CHOXD; BIODG;	10 and meet
(2,4-dichlorophenoxyacetic		or CMBST	Section 728.148
acid)			standards ⁸

D0179

Wastes that are TC for 2,4,5-TP (Silvex) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,5-TP (Silvex)	93-72-1	CHOXD or	7.9 and meet
		CMBST	Section 728.148
			standards ⁸

D0189

Wastes that are TC for benzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Benzene	71-43-2	0.14 and meet	10 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0199

Wastes that are TC for carbon tetrachloride based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Carbon tetrachloride	56-23-5	0.057 and meet	6.0 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0209

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Wastes that are TC for chlordane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

57-74-9

Chlordane (α and χ isomers)

0.0033 and meet Section 728.148 standards⁸ 0.26 and meet Section 728.148 standards⁸

D0219

Wastes that are TC for chlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chlorobenzene108-90-70.057 and meet6.0 and meetSection 728.148Section 728.148Section 728.148standards8standards8standards8

D0229

Wastes that are TC for chloroform based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Chloroform	67-66-3	0.046 and meet	6.0 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸
		standards ⁸	standards ⁸

D0239

Wastes that are TC for o-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

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NOTICE OF PROPOSED AMENDMENTS

o-Cresol

95-48-7

0.11 and meet Section 728.148 standards⁸ 5.6 and meet Section 728.148 standards⁸

D0249

Wastes that are TC for m-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

m-Cresol	108-39-4	0.77 and meet	5.6 and meet
(difficult to distinguish from		Section 728.148	Section 728.148
p-cresol)		standards ⁸	standards ⁸

D0259

Wastes that are TC for p-cresol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in <u>"</u>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, <u>"</u> USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

p-Cresol	106-44-5	0.77 and meet	5.6 and meet
(difficult to distinguish from		Section 728.148	Section 728.148
m-cresol)		standards ⁸	standards ⁸

D0269

Wastes that are TC for cresols (total) based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Cresol-mixed isomers (Cresylic acid)	1319-77-3	0.88 and meet Section 728.148	11.2 and meet Section 728.148
(sum of o-, m-, and p-cresol concentrations)		standards ⁸	standards ⁸

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NOTICE OF PROPOSED AMENDMENTS

D0279

Wastes that are TC for p-dichlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

p-Dichlorobenzene	106-46-7	0.090 and meet	6.0 and meet
(1,4-Dichlorobenzene)		Section 728.148	Section 728.148
a contraction of the second		standards ⁸	standards ⁸

D0289

Wastes that are TC for 1,2-dichloroethane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

1,2-Dichloroethane	107-06-2	0.21 and meet	6.0 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0299

Wastes that are TC for 1,1-dichloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

1,1-Dichloroethylene	75-35-4	0.025 and meet	6.0 and meet
0.02010.000		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0309

Wastes that are TC for 2,4-dinitrotoluene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical

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Methods,²² USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4-Dinitrotoluene	121-14-2	0.32 and meet	140 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0319

Wastes that are TC for heptachlor based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Heptachlor	76-44-8	0.0012 and meet	0.066 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸
Heptachlor epoxide	1024-57-3	0.016 and meet	0.066 and meet
		Section 728.148 standards ⁸	Section 728.148 standards ⁸

D0329

Wastes that are TC for hexachlorobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Hexachlorobenzene	118-74-1	0.055 and meet	10 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸
		Statistical and	o marana do

D0339

Wastes that are TC for hexachlorobutadiene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, "USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

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Hexachlorobutadiene

87-68-3

0.055 and meet Section 728.148 standards⁸ 5.6 and meet Section 728.148 standards⁸

D0349

Wastes that are TC for hexachloroethane based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Hexachloroethane	67-72-1	0.055 and meet	30 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0359

Wastes that are TC for methyl ethyl ketone based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Methyl ethyl ketone	78-93-3	0.28 and meet	36 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0369

Wastes that are TC for nitrobenzene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Nitrobenzene	98-95-3	0.068 and meet	14 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

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D0379

Wastes that are TC for pentachlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Pentachlorophenol	87-86-5	0.089 and meet	7.4 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0389

Wastes that are TC for pyridine based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Pyridine	110-86-1	0.014 and meet	16 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0399

Wastes that are TC for tetrachloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Tetrachloroethylene	127-18-4	0.056 and meet	6.0 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0409

Wastes that are TC for trichloroethylene based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical

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Methods,²² USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Trichloroethylene	79-01-6	0.054 and meet	6.0 and meet
and the second second		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0419

Wastes that are TC for 2,4,5-trichlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,5-Trichlorophenol	95-95-4	0.18 and meet	7.4 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0429

Wastes that are TC for 2,4,6-trichlorophenol based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in ""Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, "USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

2,4,6-Trichlorophenol	88-06-2	0.035 and meet	7.4 and meet
		Section 728.148	Section 728.148
		standards ⁸	standards ⁸

D0439

Wastes that are TC for vinyl chloride based on Method 1311 (Toxicity Characteristic Leaching Procedure (TCLP)) in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a).

Vinyl chloride	75-01-4	0.27 and meet	6.0 and meet
		Section 728.148	Section 728.148

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standards⁸

standards⁸

F001, F002, F003, F004 & F005

F001, F002, F003, F004, or F005 solvent wastes that contain any combination of one or more of the following spent solvents: acetone, benzene, n-butyl alcohol, carbon disulfide, carbon tetrachloride, chlorinated fluorocarbons, chlorobenzene, o-cresol, m-cresol, p-cresol, cyclohexanone, o-dichlorobenzene, 2-ethoxyethanol, ethyl acetate, ethyl benzene, ethyl ether, isobutyl alcohol, methanol, methylene chloride, methyl ethyl ketone, methyl isobutyl ketone, nitrobenzene, 2-nitropropane, pyridine, tetrachloroethylene, toluene, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, trichloroethane, or xylenes (except as specifically noted in other subcategories). See further details of these listings in 35 III. Adm. Code 721.131.

Acetone	67-64-1	0.28	160
Benzene	71-43-2	0.14	10
n-Butyl alcohol	71-36-3	5.6	2.6
Carbon disulfide	75-15-0	3.8	NA
Carbon tetrachloride	56-23-5	0.057	6.0
Chlorobenzene	108-90-7	0.057	6.0
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from			
p-cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from m-cresol)			
Cresol-mixed isomers (Cresylic acid)	1319-77-3	0.88	11.2
(sum of o-, m-, and p-cresol			
concentrations)			
Cyclohexanone	108-94-1	0.36	NA
o-Dichlorobenzene	95-50-1	0.088	6.0
Ethyl acetate	141-78-6	0.34	33
Ethyl benzene	100-41-4	0.057	10
Ethyl ether	60-29-7	0.12	160
Isobutyl alcohol	78-83-1	5.6	170
Methanol	67-56-1	5.6	NA

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Methylene chloride	75-9-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Nitrobenzene	98-95-3	0.068	14
Pyridine	110-86-1	0.014	16
Tetrachloroethylene	127-18-4	0.056	6.0
Toluene	108-88-3	0.080	10
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
1,1,2-Trichloro-1,2,2-trifluoroet	76-13-1	0.057	30
hane			
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene			
concentrations)			

F001, F002, F003, F004 & F005

F003 and F005 solvent wastes that contain any combination of one or more of the following three solvents as the only <u>listedFlisted F</u>001 through F005 solvents: carbon disulfide, cyclohexanone, or methanol. (Formerly Section 728.141(c)).

Carbon disulfide	75-15-0	3.8	4.8 mg/l TCLP
Cyclohexanone	108-94-1	0.36	0.75 mg/{ TCLP
Methanol	67-56-1	5.6	0.75 mg/l TCLP

F001, F002, F003, F004 & F005

F005 solvent waste containing 2-Nitropropane as the only listed F001 through F005 solvent.

2-Nitropropane	79-46-9	(WETOX or	CMBST
		CHOXD) fb	
		CARBN; or	
		CMBST	

F001, F002, F003, F004 & F005

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F005 solvent waste containing 2-Ethoxyethanol as the only listed F001 through F005 solvent.

2-Ethoxyethanol	110-80-5	BIODG; or	CMBST
		CMBST	

F006

Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning or stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.

Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

F007

Spent cyanide plating bath solutions from electroplating operations.

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

F008

Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.

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Cadmium	7440-43-9	NA	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

F009

Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

F010

Quenching bath residues from oil baths from metal heat-treating operations where cyanides are used in the process.

Cyanides (Total)7	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	NA

F011

Spent cyanide solutions from salt bath pot cleaning from metal heat-treating operations.

Cadmium	7440-43-9	NA	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

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Nickel	7440-02-0	3.98	11 mg/l TCLP
Silver	7440-22-4	NA	0.14 mg/l TCLP

F012

Quenching wastewater treatment sludges from metal heat-treating operations where cyanides are used in the process.

7440-43-9	NA	0.11 mg/l TCLP
7440-47-3	2.77	0.60 mg/l TCLP
57-12-5	1.2	590
57-12-5	0.86	30
7439-92-1	0.69	0.75 mg/l TCLP
7440-02-0	3.98	11 mg/ℓ TCLP
7440-22-4	NA	0.14 mg/l TCLP
	7440-47-3 57-12-5 57-12-5 7439-92-1 7440-02-0	7440-47-32.7757-12-51.257-12-50.867439-92-10.697440-02-03.98

F019

Wastewater treatment sludges from the chemical conversion coating of aluminum, except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total)7	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30

F020, F021, F022, F023, F026

Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives, excluding wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol (i.e., F020); (2) pentachlorophenol, or of intermediates used to produce its derivatives (i.e., F021); (3) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F022) and wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of: (1) tri- or tetrachlorophenols, excluding wastes from equipment used only for the production

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

of Hexachlorophene from highly purified 2,4,5-trichlorophenol (F023) or (2) tetra-, penta-, or hexachlorobenzenes under alkaline conditions (i.e., F026).

HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
Pentachlorophenol	87-86-5	0.089	7.4
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

F024

Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in 35 Ill. Adm. Code 721.131 or 721.132.)

All F024 wastes	NA	CMBST ¹¹	CMBST ¹¹
2-Chloro-1,3-butadiene	126-99-8	0.057	0.28
3-Chloropropylene	107-05-1	0.036	30
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,3-Dichloropropylene	10061-01-5	0.036	18
trans-1,3-Dichloropropylene	10061-02-6	0.036	18
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28

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Hexachloroethane	67-72-1	0.055	30
Chromium (Total)	7440-47-3	2.77	0.60 mg/{ TCLP
Nickel	7440-02-0	3.98	11 mg/l TCLP

F025

Condensed light ends from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one up to and including five, with varying amounts and positions of chlorine substitution. F025—__Light Ends Subcategory.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
Methylene chloride	75-9-2	0.089	30
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Vinyl chloride	75-01-4	0.27	6.0

F025

Spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. F025—__Spent Filters/Aids and Desiccants Subcategory.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachloroethane	67-72-1	0.055	30
Methylene chloride	75-9-2	0.089	30
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Vinyl chloride	75-01-4	0.27	6.0

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F027

Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)

HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
Pentachlorophenol	87-86-5	0.089	7.4
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4

F028

Residues resulting from the incineration or thermal treatment of soil contaminated with USEPA hazardous waste numbers F020, F021, F023, F026, and F027.

HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans) PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)	50000 22 7	0.000005	0.001
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
Pentachlorophenol	87-86-5	0.089	7.4

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41903-57-5	0.000063	0.001
55722-27-5	0.000063	0.001
95-95-4	0.18	7.4
88-06-2	0.035	7.4
58-90-2	0.030	7.4
	55722-27-5 95-95-4 88-06-2	55722-27-50.00006395-95-40.1888-06-20.035

F032

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with 35 Ill. Adm. Code 721.135 or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or penta-chlorophenol.

Acenaphthene	83-32-9	0.059	3.4
Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult to distinguish from benzo(k) fluoranthene)	205-99-2	0.11	6.8
Benzo(k)fluoranthene (difficult to distinguish from benzo(b)	207-08-9	0.11	6.8
fluoranthene)			
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
2-4-Dimethyl phenol	105-67-9	0.036	14
Fluorene	86-73-7	0.059	3.4
Hexachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Hexachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹

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Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Pentachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorodibenzofurans	NA	0.000035 or CMBST ¹¹	0.001 or CMBST ¹¹
Pentachlorophenol	87-86-5	0.089	7.4
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Tetrachlorodibenzo-p-dioxins	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
Tetrachlorodibenzofurans	NA	0.000063 or CMBST ¹¹	0.001 or CMBST ¹¹
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

F034

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Acenaphthene	83-32-9	0.059	3.4
Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult to distinguish from	205-99-2	0.11	6.8
benzo(k)fluoranthene) Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4

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Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Fluorene	86-73-7	0.059	3.4
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

F035

Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes that are generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote or pentachlorophenol.

Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

F037

Petroleum refinery primary oil/water/solids separation sludge—___any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks, and impoundments; ditches, and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.

Acenaphthene	83-32-9	0.059	NA
Anthracene	120-12-7	0.059	3.4
Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4

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Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9	0.059	3.4
Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/ℓ TCLP

F038

Petroleum refinery secondary (emulsified) oil/water/solids separation sludge or float generated from the physical or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air floatation (IAF) units, tanks, and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges, and floats generated in aggressive biological treatment units as defined in 35 Ill. Adm. Code 721.131(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological units) and F037, K048, and K051 are not included in this listing.

Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9	0.059	3.4
Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10

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Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/ℓ TCLP

F039

Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under Subpart D of this Part. (Leachate resulting from the disposal of one or more of the following USEPA hazardous wastes and no other hazardous wastes retains its USEPA hazardous waste numbers: F020, F021, F022, F026, F027, or F028.).

and a second fact and for	- 18 C (3 C (3 C)	12 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Acenaphthylene	208-96-8	0.059	3.4
Acenaphthene	83-32-9	0.059	3.4
Acetone	67-64-1	0.28	160
Acetonitrile	75-05-8	5.6	NA
Acetophenone	96-86-2	0.010	9.7
2-Acetylaminofluorene	53-96-3	0.059	140
Acrolein	107-02-8	0.29	NA
Acrylonitrile	107-13-1	0.24	84
Aldrin	309-00-2	0.021	0.066
4-Aminobiphenyl	92-67-1	0.13	NA
Aniline	62-53-3	0.81	14
o-Anisidine (2-methoxyaniline)	90-04-0	0.010	0.66
Anthracene	120-12-7	0.059	3.4
Aramite	140-57-8	0.36	NA
a-BHC	319-84-6	0.00014	0.066
β-BHC	319-85-7	0.00014	0.066

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δ-ΒΗC	319-86-8	0.023	0.066
γ-ΒΗC	58-89-9	0.0017	0.066
Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			
benzo(b)fluoranthene)			
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
Benzo(a)pyrene	50-32-8	0.061	3.4
Bromodichloromethane	75-27-4	0.35	15
Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
4-Bromophenyl phenyl ether	101-55-3	0.055	15
n-Butyl alcohol	71-36-3	5.6	2.6
Butyl benzyl phthalate	85-68-7	0.017	28
2-sec-Butyl-4,6-dinitrophenol	88-85-7	0.066	2.5
(Dinoseb)			
Carbon disulfide	75-15-0	3.8	NA
Carbon tetrachloride	56-23-5	0.057	6.0
Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
p-Chloroaniline	106-47-8	0.46	16
Chlorobenzene	108-90-7	0.057	6.0
Chlorobenzilate	510-15-6	0.10	NA
2-Chloro-1,3-butadiene	126-99-8	0.057	NA
Chlorodibromomethane	124-48-1	0.057	15
Chloroethane	75-00-3	0.27	6.0
bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
Chloroform	67-66-3	0.046	6.0
bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
p-Chloro-m-cresol	59-50-7	0.018	14
Chloromethane (Methyl	74-87-3	0.19	30
chloride)	01 59 7	0.055	5.0
2-Chloronaphthalene	91-58-7	0.055	5.6
2-Chlorophenol	95-57-8	0.044	5.7

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3-Chloropropylene	107-05-1	0.036	30
Chrysene	218-01-9	0.059	3.4
p-Cresidine	120-71-8	0.010	0.66
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from			
p-cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from			
m-cresol)			
Cyclohexanone	108-94-1	0.36	NA
1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
Ethylene dibromide	106-93-4	0.028	15
(1,2-Dibromoethane)			
Dibromomethane	74-95-3	0.11	15
2,4-D	94-75-7	0.72	10
(2,4-Dichlorophenoxyacetic			
acid)			
o,p'-DDD	53-19-0	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-9	0.031	0.087
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Dibenz(a,e)pyrene	192-65-4	0.061	NA
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Dichlorodifluoromethane	75-71-8	0.23	7.2
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	87-65-0	0.044	14
1,2-Dichloropropane	78-87-5	0.85	18
cis-1,3-Dichloropropylene	10061-01-5	0.036	18

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trans-1,3-Dichloropropylene	10061-02-6	0.036	18
Dieldrin	60-57-1	0.017	0.13
2,4-Dimethylaniline	95-68-1	0.010	0.66
(2,4-xylidine)			
Diethyl phthalate	84-66-2	0.20	28
2-4-Dimethyl phenol	105-67-9	0.036	14
Dimethyl phthalate	131-11-3	0.047	28
Di-n-butyl phthalate	84-74-2	0.057	28
1,4-Dinitrobenzene	100-25-4	0.32	2.3
4,6-Dinitro-o-cresol	534-52-1	0.28	160
2,4-Dinitrophenol	51-28-5	0.12	160
2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28
Di-n-octyl phthalate	117-84-0	0.017	28
Di-n-propylnitrosamine	621-64-7	0.40	14
1,4-Dioxane	123-91-1	12.0	170
Diphenylamine (difficult to	122-39-4	0.92	NA
distinguish from			
diphenylnitrosamine)			
Diphenylnitrosamine (difficult	86-30-6	0.92	NA
to distinguish from		102	
diphenylamine)			
1,2-Diphenylhydrazine	122-66-7	0.087	NA
Disulfoton	298-04-4	0.017	6.2
Endosulfan I	939-98-8	0.023	0.066
Endosulfan II	33213-6-5	0.029	0.13
Endosulfan sulfate	1031-07-8	0.029	0.13
Endrin	72-20-8	0.0028	0.13
Endrin aldehyde	7421-93-4	0.025	0.13
Ethyl acetate	141-78-6	0.34	33
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
Ethyl benzene	100-41-4	0.057	10
Ethyl ether	60-29-7	0.12	160
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Ethyl methacrylate	97-63-2	0.14	160
Ethylene oxide	75-21-8	0.12	NA
Famphur	52-85-7	0.017	15
Fluoranthene	206-44-0	0.068	3.4

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Fluorene	86-73-7	0.059	3.4
Heptachlor	76-44-8	0.0012	0.066
1,2,3,4,6,7,8-Heptachlorodibenz o-p-dioxin	35822-46-9	0.000035	0.0025
(1,2,3,4,6,7,8-HpCDD)			
1,2,3,4,6,7,8-Heptachlorodibenz ofuran (1,2,3,4,6,7,8-HpCDF)	67562-39-4	0.000035	0.0025
1,2,3,4,7,8,9-Heptachlorodibenz ofuran (1,2,3,4,7,8,9-HpCDF)	55673-89-7	0.000035	0.0025
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)	1986		
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			0.001
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	0.035	30
Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
Iodomethane	74-88-4	0.19	65
Isobutyl alcohol	78-83-1	5.6	170
Isodrin	465-73-6	0.021	0.066
Isosafrole	120-58-1	0.081	2.6
Kepone	143-50-8	0.0011	0.13
Methacrylonitrile	126-98-7	0.24	84
Methanol	67-56-1	5.6	NA
Methapyrilene	91-80-5	0.081	1.5
Methoxychlor	72-43-5	0.25	0.18
3-Methylcholanthrene	56-49-5	0.0055	15
4,4-Methylene	101-14-4	0.50	30
bis(2-chloroaniline)			
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Methyl methacrylate	80-62-6	0.14	160
Methyl methansulfonate	66-27-3	0.018	NA
Methyl parathion	298-00-0	0.014	4.6

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Naphthalene	91-20-3	0.059	5.6
2-Naphthylamine	91-59-8	0.52	NA
p-Nitroaniline	100-01-6	0.028	28
Nitrobenzene	98-95-3	0.068	14
5-Nitro-o-toluidine	99-55-8	0.32	28
p-Nitrophenol	100-02-7	0.12	29
N-Nitrosodiethylamine	55-18-5	0.40	28
N-Nitrosodimethylamine	62-75-9	0.40	NA
N-Nitroso-di-n-butylamine	924-16-3	0.40	17
N-Nitrosomethylethylamine	10595-95-6	0.40	2.3
N-Nitrosomorpholine	59-89-2	0.40	2.3
N-Nitrosopiperidine	100-75-4	0.013	35
N-Nitrosopyrrolidine	930-55-2	0.013	35
1,2,3,4,6,7,8,9-Octachlorodibenz o-p-dioxin	3268-87-9	0.000063	0.0025
(1,2,3,4,6,7,8,9-OCDD)			
1,2,3,4,6,7,8,9-Octachlorobibenz	39001-02-0	0.000063	0.005
ofuranOctachlorodibenzofuran (OCDF)			
Parathion	56-38-2	0.014	4.6
Total PCBs	1336-36-3	0.10	10
(sum of all PCB isomers, or all Aroclors)			
Pentachlorobenzene	608-93-5	0.055	10
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			0.001
Pentachloronitrobenzene	82-68-8	0.055	4.8
Pentachlorophenol	87-86-5	0.089	7.4
Phenacetin	62-44-2	0.081	16
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
1,3-Phenylenediamine	108-45-2	0.010	0.66
Phorate	298-02-2	0.021	4.6
Phthalic anhydride	85-44-9	0.055	NA
Pronamide	23950-58-5	0.093	1.5
Pyrene	129-00-0	0.067	8.2

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Pyridine	110-86-1	0.014	16
Safrole	94-59-7	0.081	22
Silvex (2,4,5-TP)	93-72-1	0.72	7.9
2,4,5-T	93-76-5	0.72	7.9
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Toluene	108-88-3	0.080	10
Toxaphene	8001-35-2	0.0095	2.6
Bromoform (Tribromomethane)) 75-25-2	0.63	15
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Trichloromonofluoromethane	75-69-4	0.020	30
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
1,2,3-Trichloropropane	96-18-4	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroet	t 76-13-1	0.057	30
hane			
tris(2,3-Dibromopropyl)	126-72-7	0.11	NA
phosphate			
Vinyl chloride	75-01-4	0.27	6.0
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene			
concentrations)			
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Barium	7440-39-3	1.2	21 mg/ℓ TCLP
Beryllium	7440-41-7	0.82	NA
Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP

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57-12-5	1.2	590
57-12-5	0.86	NA
16964-48-8	35	NA
7439-92-1	0.69	0.75 mg/{ TCLP
7439-97-6	0.15	0.025 mg/l TCLP
7440-02-0	3.98	11 mg/l TCLP
7782-49-2	0.82	5.7 mg/l TCLP
7440-22-4	0.43	0.14 mg/{ TCLP
8496-25-8	14	NA
7440-28-0	1.4	NA
7440-62-2	4.3	NA
	57-12-5 16964-48-8 7439-92-1 7439-97-6 7440-02-0 7782-49-2 7440-22-4 8496-25-8 7440-28-0	$\begin{array}{ccccc} 57-12-5 & 0.86 \\ 16964-48-8 & 35 \\ 7439-92-1 & 0.69 \\ 7439-97-6 & 0.15 \\ 7440-02-0 & 3.98 \\ 7782-49-2 & 0.82 \\ 7440-22-4 & 0.43 \\ 8496-25-8 & 14 \\ 7440-28-0 & 1.4 \end{array}$

K001

Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote or pentachlorophenol.

Naphthalene	91-20-3	0.059	5.6
Pentachlorophenol	87-86-5	0.089	7.4
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers (sum of o-, m-, and p-xylene	1330-20-7	0.32	30
concentrations) Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K002

Wastewater treatment sludge from the production of chrome yellow and orange pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K003

Wastewater treatment sludge from the production of molybdate orange pigments.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K004

Wastewater treatment sludge from the production of zinc yellow pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/{ TCLP

K005

Wastewater treatment sludge from the production of chrome green pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Cyanides (Total)7	57-12-5	1.2	590

K006

Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous).

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/{ TCLP

K006

Wastewater treatment sludge from the production of chrome oxide green pigments (hydrated).

Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	NA

K007

Wastewater treatment sludge from the production of iron blue pigments.

Chromium (Total)	7440-47-3	2.77	0.60 mg/{ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

POLLUTION CONTROL BOARD

Cyanides (Total) ⁷	57-12-5	1.2	590
K008			
Oven residue from the produ	action of chrome oxide g	green pigments.	
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/l TCLP
K009			
Distillation bottoms from th	e production of acetalde	hyde from ethylene	e.
Chloroform	67-66-3	0.046	6.0
K010			
Distillation side cuts from th	ne production of acetaldo	ehyde from ethylen	e.
Chloroform	67-66-3	0.046	6.0
K011			
Bottom stream from the was	stewater stripper in the p	roduction of acrylo	onitrile.
Acetonitrile	75-05-8	5.6	38
Acrylonitrile	107-13-1	0.24	84
Acrylamide	79-06-1	19	23
Benzene	71-43-2	0.14	10
Cyanide (Total)	57-12-5	1.2	590
K013			
Bottom stream from the ace	tonitrile column in the p	roduction of acrylo	nitrile.
Acctonituile	75 05 9	50	29

Acetonitrile	75-05-8	5.6	38
Acrylonitrile	107-13-1	0.24	84
Acrylamide	79-06-1	19	23
and a second second			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Benzene	71-43-2	0.14	10
Cyanide (Total)	57-12-5	1.2	590

K014

Bottoms from the acetonitrile purification column in the production of acrylonitrile.

Acetonitrile	75-05-8	5.6	38
Acrylonitrile	107-13-1	0.24	84
Acrylamide	79-06-1	19	23
Benzene	71-43-2	0.14	10
Cyanide (Total)	57-12-5	1.2	590

K015

Still bottoms from the distillation of benzyl chloride.

Anthracene	120-12-7	0.059	3.4
Benzal chloride	98-87-3	0.055	6.0
Benzo(b)fluoranthene (difficult to distinguish from	205-99-2	0.11	6.8
benzo(k)fluoranthene)	207.00.0	0.11	<i>C</i> 0
Benzo(k)fluoranthene (difficult to distinguish from	207-08-9	0.11	6.8
benzo(b)fluoranthene)			
Phenanthrene	85-01-8	0.059	5.6
Toluene	108-88-3	0.080	10
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP

K016

Heavy ends or distillation residues from the production of carbon tetrachloride.

Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachlorocyclopentadiene	77-47-4	0.057	2.4
Hexachloroethane	67-72-1	0.055	30

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Tetrachloroethylene	127-18-4	0.056	6.0

K017

Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.

bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
1,2-Dichloropropane	78-87-5	0.85	18
1,2,3-Trichloropropane	96-18-4	0.85	30

K018

Heavy ends from the fractionation column in ethyl chloride production.

Chloroethane	75-00-3	0.27	6.0
Chloromethane	74-87-3	0.19	NA
1,1-Dichloroethane	75-34-3	0.059	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
Hexachlorobenzene	118-74-1	0.055	10
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachloroethane	67-72-1	0.055	30
Pentachloroethane	76-01-7	NA	6.0
1,1,1-Trichloroethane	71-55-6	0.054	6.0

K019

Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.

bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
Chlorobenzene	108-90-7	0.057	6.0
Chloroform	67-66-3	0.046	6.0
p-Dichlorobenzene	106-46-7	0.090	NA
1,2-Dichloroethane	107-06-2	0.21	6.0
Fluorene	86-73-7	0.059	NA
Hexachloroethane	67-72-1	0.055	30
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	NA

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19
1,1,1-Trichloroethane	71-55-6	0.054	6.0

K020

Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.

1,2-Dichloroethane	107-06-2	0.21	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0

K021

Aqueous spent antimony catalyst waste from fluoromethanes production.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP

K022

Distillation bottom tars from the production of phenol or acetone from cumene.

108-88-3	0.080	10
96-86-2	0.010	9.7
122-39-4	0.92	13
86-30-6	0.92	13
108-95-2	0.039	6.2
7440-47-3	2.77	0.60 mg/{ TCLP
7440-02-0	3.98	11 mg/ℓ TCLP
	96-86-2 122-39-4 86-30-6 108-95-2 7440-47-3	96-86-2 0.010 122-39-4 0.92 86-30-6 0.92 108-95-2 0.039 7440-47-3 2.77

K023

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Distillation light ends from the production of phthalic anhydride from naphthalene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28

K024

Distillation bottoms from the production of phthalic anhydride from naphthalene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic	100-21-0	0.055	28
acid) Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28

K025

Distillation bottoms from the production of nitrobenzene by the nitration of benzene.

NA	LLEXT fb SSTRP	CMBST
	fb CARBN; or	
	CMBST	
	NA	fb CARBN; or

K026

Stripping still tails from the production of methyl ethyl pyridines.

NA	NA	CMBST	CMBST

K027

Centrifuge and distillation residues from toluene diisocyanate production.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

NA	NA	CARBN; or	CMBST
		CMBST	

K028

Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.

1,1-Dichloroethane	75-34-3	0.059	6.0
trans-1,2-Dichloroethylene	156-60-5	0.054	30
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachloroethane	67-72-1	0.055	30
Pentachloroethane	76-01-7	NA	6.0
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,1,1-Trichloroethane	71-55-6	0.054	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Cadmium	7440-43-9	0.69	NA
Chromium(Total)	7440-47-3	2.77	0.60 mg/{ TCLP
Lead	7439-92-1	0.69	0.75 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP

K029

Waste from the product steam stripper in the production of 1,1,1-trichloroethane.

Chloroform	67-66-3	0.046	6.0
1,2-Dichloroethane	107-06-2	0.21	6.0
1,1-Dichloroethylene	75-35-4	0.025	6.0
1,1,1-Trichloroethane	71-55-6	0.054	6.0
Vinyl chloride	75-01-4	0.27	6.0

K030

Column bodies or heavy ends from the combined production of trichloroethylene and perchloroethylene.

o-Dichlorobenzene 95-50-1 0.088 N	-Dichlorobenzene	95-50-1	0.088	NA
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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

p-Dichlorobenzene	106-46-7	0.090	NA
Hexachlorobutadiene	87-68-3	0.055	5.6
Hexachloroethane	67-72-1	0.055	30
Hexachloropropylene	1888-71-7	NA	30
Pentachlorobenzene	608-93-5	NA	10
Pentachloroethane	76-01-7	NA	6.0
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19

K031

By-product salts generated in the production of MSMA and cacodylic acid.

Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
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K032

Wastewater treatment sludge from the production of chlordane.

Hexachlorocyclopentadiene	77-47-4	0.057	2.4
Chlordane (α and γ isomers)	57-74-9	0.0033	0.26
Heptachlor	76-44-8	0.0012	0.066
Heptachlor epoxide	1024-57-3	0.016	0.066

K033

Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.

Hexachlorocyclopentadiene	77-47-4	0.057	2.4

K034

Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.

Hexachlorocyclopentadiene	77-47-4	0.057	2.4
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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K035

Wastewater treatment sludges generated in the production of creosote.

Acenaphthene	83-32-9	NA	3.4
Anthracene	120-12-7	NA	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from p-cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from m-cresol)			
Dibenz(a,h)anthracene	53-70-3	NA	8.2
Fluoranthene	206-44-0	0.068	3.4
Fluorene	86-73-7	NA	3.4
Indeno(1,2,3-cd)pyrene	193-39-5	NA	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2

K036

Still bottoms from toluene reclamation distillation in the production of disulfoton.

Disulfoton	298-04-4	0.017	6.2
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K037

Wastewater treatment sludges from the production of disulfoton.

Disulfoton	298-04-4	0.017	6.2
Toluene	108-88-3	0.080	10

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K038			
Wastewater from the washing an	d stripping of phora	ate production.	
Phorate	298-02-2	0.021	4.6
K039			
Filter cake from the filtration of o	diethylphosphorodi	thioic acid in the prod	uction of phorate.
NA	NA	CARBN; or CMBST	CMBST
K040			
Wastewater treatment sludge from	m the production of	f phorate.	
Phorate	298-02-2	0.021	4.6
K041			
Wastewater treatment sludge from	m the production of	f toxaphene.	
Toxaphene	8001-35-2	0.0095	2.6
K042			
Heavy ends or distillation residue of 2,4,5-T.	es from the distillat	ion of tetrachlorobenz	ene in the production
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1 0 4 T	100 00 1	0.055	10

120-82-1

0.055

19

K043

1,2,4-Trichlorobenzene

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

2,6-Dichlorophenol waste from the production of 2,4-D.

2,4-Dichlorophenol	120-83-2	0.044	14
2,6-Dichlorophenol	187-65-0	0.044	14
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4
2,3,4,6-Tetrachlorophenol	58-90-2	0.030	7.4
Pentachlorophenol	87-86-5	0.089	7.4
Tetrachloroethylene	127-18-4	0.056	6.0
HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			
the second se			

K044

Wastewater treatment sludges from the manufacturing and processing of explosives.

NA	NA	DEACT	DEACT
K045			
Spent carbon from the tr	reatment of wastewater co	ontaining explosives.	
NA	NA	DEACT	DEACT
K046			

Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
K047			
Pink or red water from TNT open	rations.		
NA	NA	DEACT	DEACT
K048			
Dissolved air flotation (DAF) flo	at from the petroleum	refining industry.	
Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	218-01-9218-01	0.059	3.4
	-9		
Di-n-butyl phthalate	84-74-2	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-33	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP

 7440-47-3
 2.77
 0.60 mg/ℓ TCLP

 57-12-5
 1.2
 590

 7439-92-1
 0.69
 NA

 7440-02-0
 NA
 11 mg/ℓ TCLP

Lead

Nickel

Cyanides (Total)7

Slop oil emulsion solids from the petroleum refining industry.

K049

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Anthracene	120-12-7	0.059	3.4
Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Carbon disulfide	75-15-0	3.8	NA
Chrysene	2218-01-9	0.059	3.4
	218-01-9		
2,4-Dimethylphenol	105-67-9	0.036	NA
Ethylbenzene	100-41-4	0.057	10
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Cyanides (Total)7	57-12-5	1.2	590
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP

K050

Heat exchanger bundle cleaning sludge from the petroleum refining industry.

Benzo(a)pyrene	50-32-8	0.061	3.4
Phenol	108-95-2	0.039	6.2
Cyanides (Total)7	57-12-5	1.2	590
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP

K051

API separator sludge from the petroleum refining industry.

Acenaphthene	83-32-9	0.059	NA
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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Anthracene	120-12-7	0.059	3.4
Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
Chrysene	2218-01-9	0.059	3.4
and a start of	218-01-992218	8-	
	01-9		
Di-n-butyl phthalate	105-67-9	0.057	28
Ethylbenzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	NA
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.08	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene			
concentrations)	1.1.1.1.1.1	0.5	- 21 CT
Cyanides (Total) ⁷	57-12-5	1.2	590
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/l TCLP

K052

Tank bottoms (leaded) from the petroleum refining industry.

Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
o-Cresol	95-48-7	0.11	5.6
m-Cresol	108-39-4	0.77	5.6
(difficult to distinguish from			
p-cresol)			
p-Cresol	106-44-5	0.77	5.6
(difficult to distinguish from m-cresol)			
2,4-Dimethylphenol	105-67-9	0.036	NA

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Ethylbenzene	100-41-4	0.057	10
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2
Toluene	108-88-3	0.08	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11 mg/ℓ TCLP
INICKEI	7440-02-0	INA	TT mg/t TCLF

K060

Ammonia still lime sludge from coking operations.

Benzene	71-43-2	0.14	10
Benzo(a)pyrene	50-32-8	0.061	3.4
Naphthalene	91-20-3	0.059	5.6
Phenol	108-95-2	0.039	6.2
Cyanides (Total) ⁷	57-12-5	1.2	590

K061

Emission control dust or sludge from the primary production of steel in electric furnaces.

Antimony	7440-36-0	NA	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	NA	5.0 mg/ℓ TCLP
Barium	7440-39-3	NA	21 mg/ℓ TCLP
Beryllium	7440-41-7	NA	1.22 mg/ℓ TCLP
Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Mercury	7439-97-6	NA	0.025 mg/l TCLP
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
Selenium	7782-49-2	NA	5.7 mg/ℓ TCLP
Silver	7440-22-4	NA	0.14 mg/ℓ TCLP

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Thallium	7440-28-0	NA	0.20 mg/{ TCLP
Zinc	7440-66-6	NA	4.3 mg/ℓ TCLP

K062

Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).

Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
Nickel	7440-02-0	3.98	NA

K069

Emission control dust or sludge from secondary lead smelting - Calcium sulfate (Low Lead) Subcategory.

Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K069

Emission control dust or sludge from secondary lead smelting - Non-Calcium sulfate (High Lead) Subcategory.

NA	NA	NA	RLEAD

K071

K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are residues from RMERC.

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP

K071

K071 (Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used) nonwastewaters that are not residues from RMERC.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
K071			
All K071 wastewaters.			
Mercury	7439-97-6	0.15	NA
K073			

Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Hexachloroethane	67-72-1	0.055	30
Tetrachloroethylene	127-18-4	0.056	6.0
1,1,1-Trichloroethane	71-55-6	0.054	6.0

K083

Distillation bottoms from aniline production.

Aniline	62-53-3	0.81	14
Benzene	71-43-2	0.14	10
Cyclohexanone	108-94-1	0.36	NA
Diphenylamine	122-39-4	0.92	13
(difficult to distinguish from			
diphenylnitrosamine)			
Diphenylnitrosamine (difficult	86-30-6	0.92	13
to distinguish from			
diphenylamine)			
Nitrobenzene	98-95-3	0.068	14
Phenol	108-95-2	0.039	6.2
Nickel	7440-02-0	3.98	11 mg/l TCLP

K084

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
1 HOUHU	1110 50 2		Dio mg o rom

K085

Distillation or fractionation column bottoms from the production of chlorobenzenes.

Benzene	71-43-2	0.14	10
Chlorobenzene	108-90-7	0.057	6.0
m-Dichlorobenzene	541-73-1	0.036	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Hexachlorobenzene	118-74-1	0.055	10
Total PCBs	1336-36-3	0.10	10
(sum of all PCB isomers, or a Aroclors)	11		
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1,2,4-Trichlorobenzene	120-82-1	0.055	19

K086

Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.

Acetone	67-64-1	0.28	160
Acetophenone	96-86-2	0.010	9.7
bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
n-Butyl alcohol	71-36-3	5.6	2.6
Butylbenzyl phthalate	85-68-7	0.017	28
Cyclohexanone	108-94-1	0.36	NA
o-Dichlorobenzene	95-50-1	0.088	6.0
Diethyl phthalate	84-66-2	0.20	28
Dimethyl phthalate	131-11-3	0.047	28

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Di-n-butyl phthalate	84-74-2	0.057	28
Di-n-octyl phthalate	117-84-0	0.017	28
Ethyl acetate	141-78-6	0.34	33
Ethylbenzene	100-41-4	0.057	10
Methanol	67-56-1	5.6	NA
Methyl ethyl ketone	78-93-3	0.28	36
Methyl isobutyl ketone	108-10-1	0.14	33
Methylene chloride	75-09-2	0.089	30
Naphthalene	91-20-3	0.059	5.6
Nitrobenzene	98-95-3	0.068	14
Toluene	108-88-3	0.080	10
1,1,1-Trichloroethane	71-55-6	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
Cyanides (Total) ⁷	57-12-5	1.2	590
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K087

Decanter tank tar sludge from coking operations.

Acenaphthylene	208-96-8	0.059	3.4
Benzene	71-43-2	0.14	10
Chrysene	218-01-9	0.059	3.4
Fluoranthene	206-44-0	0.068	3.4
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	85-01-8	0.059	5.6
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers	1330-20-7	0.32	30
(sum of o-, m-, and p-xylene concentrations)			
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K088

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Spent potliners from primary aluminum reduction.

83-32-9	0.059	3.4
120-12-7	0.059	3.4
56-55-3	0.059	3.4
50-32-8	0.061	3.4
205-99-2	0.11	6.8
207-08-9	0.11	6.8
191-24-2	0.0055	1.8
218-01-9	0.059	3.4
53-70-3	0.055	8.2
206-44-0	0.068	3.4
193-39-5	0.0055	3.4
85-01-8	0.059	5.6
129-00-0	0.067	8.2
7440-36-0	1.9	1.15 mg/l TCLP
7440-38-2	1.4	26.1 mg/l
7440-39-3	1.2	21 mg/ℓ TCLP
7440-41-7	0.82	1.22 mg/ℓ TCLP
7440-43-9	0.69	0.11 mg/ℓ TCLP
7440-47-3	2.77	0.60 mg/ℓ TCLP
7439-92-1	0.69	0.75 mg/{ TCLP
7439-97-6	0.15	0.025 mg/l TCLP
7440-02-0	3.98	11 mg/ℓ TCLP
7782-49-2	0.82	5.7 mg/l TCLP
7440-22-4	0.43	0.14 mg/{ TCLP
57-12-5	1.2	590
57-12-5	0.86	30
16984-48-8	35	NA
	56-55-3 50-32-8 205-99-2 207-08-9 191-24-2 218-01-9 53-70-3 206-44-0 193-39-5 85-01-8 129-00-0 7440-36-0 7440-38-2 7440-38-2 7440-43-9 7440-2-10 7782-49-2 7440-22-4 57-12-5 57-12-5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

K093

Distillation light ends from the production of phthalic anhydride from ortho-xylene.

Phthalic anhydride (measured as	100-21-0	0.055	28
Phthalic acid or Terephthalic			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

acid) Phthalic anhydride (measured as 85-44-9 0.055 28 Phthalic acid or Terephthalic acid)

K094

Distillation bottoms from the production of phthalic anhydride from ortho-xylene.

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28

K095

Distillation bottoms from the production of 1,1,1-trichloroethane.

Hexachloroethane	67-72-1	0.055	30
Pentachloroethane	76-01-7	0.055	6.0
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0

K096

Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.

m-Dichlorobenzene	541-73-1	0.036	6.0
Pentachloroethane	76-01-7	0.055	6.0
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
1,1,2,2-Tetrachloroethane	79-34-6	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

1,1,2-Trichloroethane	79-00-5	0.054	6.0
Trichloroethylene	79-01-6	0.054	6.0

K097

Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.

Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
Heptachlor	76-44-8	0.0012	0.066
Heptachlor epoxide	1024-57-3	0.016	0.066
Hexachlorocyclopentadiene	77-47-4	0.057	2.4

K098

Untreated process wastewater from the production of toxaphene.

Toxaphene	8001-35-2	0.0095	2.6

K099

Untreated wastewater from the production of 2,4-D.

2,4-Dichlorophenoxyacetic acid	94-75-7	0.72	10
HxCDDs (All	NA	0.000063	0.001
Hexachlorodibenzo-p-dioxins)			
HxCDFs (All	55684-94-1	0.000063	0.001
Hexachlorodibenzofurans)			
PeCDDs (All	36088-22-9	0.000063	0.001
Pentachlorodibenzo-p-dioxins)			
PeCDFs (All	30402-15-4	0.000035	0.001
Pentachlorodibenzofurans)			
TCDDs (All	41903-57-5	0.000063	0.001
Tetrachlorodibenzo-p-dioxins)			
TCDFs (All	55722-27-5	0.000063	0.001
Tetrachlorodibenzofurans)			

K100

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Waste leaching solution from acid leaching of emission control dust or sludge from secondary lead smelting.

Cadmium	7440-43-9	0.69	0.11 mg/ℓ TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/l TCLP

K101

Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

88-74-4	0.27	14
7440-38-2	1.4	5.0 mg/ℓ TCLP
7440-43-9	0.69	NA
7439-92-1	0.69	NA
7439-97-6	0.15	NA
	7440-38-2 7440-43-9 7439-92-1	7440-38-21.47440-43-90.697439-92-10.69

K102

Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.

o-Nitrophenol	88-75-5	0.028	13
Arsenic	7440-38-2	1.4	5.0 mg/l TCLP
Cadmium	7440-43-9	0.69	NA
Lead	7439-92-1	0.69	NA
Mercury	7439-97-6	0.15	NA

K103

Process residues from aniline extraction from the production of aniline.

Aniline	62-53-3	0.81	14
Benzene	71-43-2	0.14	10
2,4-Dinitrophenol	51-28-5	0.12	160
Nitrobenzene	98-95-3	0.068	14
Phenol	108-95-2	0.039	6.2

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K104

Combined wastewater streams generated from nitrobenzene or aniline production.

Aniline	62-53-3	0.81	14
Benzene	71-43-2	0.14	10
2,4-Dinitrophenol	51-28-5	0.12	160
Nitrobenzene	98-95-3	0.068	14
Phenol	108-95-2	0.039	6.2
Cyanides (Total)7	57-12-5	1.2	590

K105

Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.

Benzene	71-43-2	0.14	10
Chlorobenzene	108-90-7	0.057	6.0
2-Chlorophenol	95-57-8	0.044	5.7
o-Dichlorobenzene	95-50-1	0.088	6.0
p-Dichlorobenzene	106-46-7	0.090	6.0
Phenol	108-95-2	0.039	6.2
2,4,5-Trichlorophenol	95-95-4	0.18	7.4
2,4,6-Trichlorophenol	88-06-2	0.035	7.4

K106

K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain greater than or equal to 260 mg/kg total mercury.

Mercury	7439-97-6	NA	RMERC
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K106

K106 (wastewater treatment sludge from the mercury cell process in chlorine production) nonwastewaters that contain less than 260 mg/kg total mercury that are residues from RMERC.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
K106			
Other K106 nonwastew from RMERC.	raters that contain less than 2	60 mg/kg total me	ercury and are not residues
Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP
K106			
All K106 wastewaters.			
Mercury	7439-97-6	0.15	NA
K107			
Column bottoms from p (UDMH) from carboxy	product separation from the p lic acid hydrazides.	roduction of 1,1-o	dimethylhydrazine

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	
		CARBN	

K108

Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	
		CARBN	

K109

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	
		CARBN	

K110

Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	
		CARBN	

K111

Product washwaters from the production of dinitrotoluene via nitration of toluene.

2,4-Dinitrotoluene	121-14-2	0.32	140
2,6-Dinitrotoluene	606-20-2	0.55	28

K112

Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		CARBN; or	
		BIODG fb	

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CARBN

K113

Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

NA	NA	CARBN; or	CMBST
		CMBST	

K114

Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

NA	NA	CARBN; or	CMBST
		CMBST	

K115

Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.

Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
NA	NA	CARBN; or	CMBST
		CMBST	

K116

Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.

NA	CARBN; or	CMBST
	CMBST	
	INA	

K117

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
Chloroform	67-66-3	0.046	6.0
Ethylene dibromide	106-93-4	0.028	15
(1,2-Dibromoethane)			

K118

Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
Chloroform	67-66-3	0.046	6.0
Ethylene dibromide	106-93-4	0.028	15
(1,2-Dibromoethane)			

K123

Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		(BIODG or	
		CARBN)	

K124

Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		(BIODG or	
		CARBN)	

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K125

Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		(BIODG or	
		CARBN)	

K126

Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdithiocarbamic acid and its salts.

NA	NA	CMBST; or	CMBST
		CHOXD fb	
		(BIODG or	
		CARBN)	

K131

Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			

K132

Spent absorbent and wastewater separator solids from the production of methyl bromide.

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			

K136

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.

Methyl bromide	74-83-9	0.11	15
(Bromomethane)			
Chloroform	67-66-3	0.046	6.0
Ethylene dibromide	106-93-4	0.028	15
(1,2-Dibromoethane)			

K141

Process residues from the recovery of coal tar, including, but not limited to, collecting sump residues from the production of coke or the recovery of coke by-products produced from coal. This listing does not includeKinclude K087 (decanter tank tar sludge from coking operations).

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-2-8	0.061	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

K142

Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

K143

Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult to distinguish from	205-99-2	0.11	6.8
benzo(k)fluoranthene) Benzo(k)fluoranthene (difficult to distinguish from	207-08-9	0.11	6.8
benzo(b)fluoranthene) Chrysene	218-01-9	0.059	3.4

K144

Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.

71-43-2	0.14	10
56-55-3	0.059	3.4
50-32-8	0.061	3.4
205-99-2	0.11	6.8
207-08-9	0.11	6.8
	56-55-3 50-32-8 205-99-2	56-55-30.05950-32-80.061205-99-20.11

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2

K145

Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.

Benzene	71-43-2	0.14	10
Benz(a)anthracene	56-55-3	0.059	3.4
Benzo(a)pyrene	50-32-8	0.061	3.4
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Naphthalene	91-20-3	0.059	5.6

K147

Tar storage tank residues from coal tar refining.

Benzene		71-43-2	0.14	10
Benz(a)an	nthracene	56-55-3	0.059	3.4
Benzo(a)	pyrene	50-32-8	0.061	3.4
	fluoranthene (difficult uish from	205-99-2	0.11	6.8
benzo(k)	fluoranthene)			
	fluoranthene (difficult uish from	207-08-9	0.11	6.8
benzo(b)	fluoranthene)			
Chrysene		218-01-9	0.059	3.4
Dibenz(a	h)anthracene	53-70-3	0.055	8.2
Indeno(1,	2,3-cd)pyrene	193-39-5	0.0055	3.4

K148

Residues from coal tar distillation, including, but not limited to, still bottoms.

Benz(a)anthracene	56-55-3	0.059	3.4
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POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Benzo(a)pyrene	50-32-8	0.061	3.4
Benzo(b)fluoranthene (difficult	205-99-2	0.11	6.8
to distinguish from			
benzo(k)fluoranthene)			
Benzo(k)fluoranthene (difficult	207-08-9	0.11	6.8
to distinguish from			
benzo(b)fluoranthene)			
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4

K149

Distillation bottoms from the production of α - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillations of benzyl chloride.)

Chlorobenzene	108-90-7	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Chloromethane	74-87-3	0.19	30
p-Dichlorobenzene	106-46-7	0.090	6.0
Hexachlorobenzene	118-74-1	0.055	10
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
Toluene	108-88-3	0.080	10

K150

Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of α - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Chloromethane	74-87-3	0.19	30
p-Dichlorobenzene	106-46-7	0.090	6.0
Hexachlorobenzene	118-74-1	0.055	10

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
1,1,2,2- Tetrachloroethane	79-34-5	0.057	6.0
Tetrachloroethylene	127-18-4	0.056	6.0
1,2,4-Trichlorobenzene	120-82-1	0.055	19

K151

Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of α - (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.

Benzene	71-43-2	0.14	10
Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Hexachlorobenzene	118-74-1	0.055	10
Pentachlorobenzene	608-93-5	0.055	10
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
Tetrachloroethylene	127-18-4	0.056	6.0
Toluene	108-88-3	0.080	10

K156

Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.

Acetonitrile	75-05-8	5.6	1.8
Acetophenone	98-86-2	0.010	9.7
Aniline	62-53-3	0.81	14
Benomyl ¹⁰	17804-35-2	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Benzene	71-43-2	0.14	10
Carbaryl ¹⁰	63 <u>-25-263</u> -25-2 1 63-25-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Carbenzadim ¹⁰	10605-21-7	0.056; or CMBST, CHOXD, BIODG	1.4; or CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

		or CARBN	
Carbofuran ¹⁰	1563-66-2	0.006; or CMBST, CHOXD, BIODG	0.14; or CMBST
		or CARBN	
Carbosulfan ¹⁰	55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Chlorobenzene	108-90-7	0.057	6.0
Chloroform	67-66-3	0.046	6.0
o-Dichlorobenzene	95-50-1	0.088	6.0
Methomyl ¹⁰	16752-77-5	0.028; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Naphthalene	91-20-3	0.059	5.6
Phenol	108-95-2	0.039	6.2
Pyridine	110-86-1	0.014	16
Toluene	108-88-3	0.080	10
Triethylamine	121-44-8	0.081; or CMBST, CHOXD, BIODG or CARBN	1.5; or CMBST

K157

Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes.

Carbon tetrachloride	56-23-5	0.057	6.0
Chloroform	67-66-3	0.046	6.0
Chloromethane	74-87-3	0.19	30
Methomyl ¹⁰	16752-77-5	0.028; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
Methylene chloride	75-09-2	0.089	30
Methyl ethyl ketone	78-93-3	0.28	36
Pyridine	110-86-1	0.014	16
Triethylamine	121-44-8	0.081; or CMBST, CHOXD, BIODG	1.5; or CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

or CARBN

K158

Baghouse dusts and filter/separation solids from the production of carbamates and carbamoyl oximes.

Benomyl ¹⁰	17804-35-2	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBSTP	
Benzene	71-43-2	0.14	10	
Carbenzadim ¹⁰	10605-21-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
Carbofuran ¹⁰	1563-66-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST	
Carbosulfan ¹⁰	55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
Chloroform	67-66-3	0.046	6.0	
Methylene chloride	75-09-2	0.089	30	
Phenol	108-95-2	0.039	6.2	
K159				
Organics from the treatment of	of thiocarbamate wastes	s. ¹⁰		
Benzene	71-43-2	0.14	10	
Butylate ¹⁰	2008-41-5	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
EPTC (Eptam) ¹⁰	759-94-4	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	
Molinate ¹⁰	2212-67-1	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST	

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Pebulate ¹⁰	1114-71-2	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
Vernolate ¹⁰	1929-77-7	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST

K161

Purification solids (including filtration, evaporation, and centrifugation solids), baghouse dust, and floor sweepings from the production of dithiocarbamate acids and their salts.

Antimony	7440-36-0	1.9	1.1511
Arsenic	7440-38-2	1.4	5.011
Carbon disulfide	75-15-0	3.8	4.811
Dithiocarbamates (total) ¹⁰	137-30-4	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
Lead	7439-92-1	0.69	0.7511
Nickel	7440-02-0	3.98	1111
Selenium	7782-49-2	0.82	5.711

K169

Crude oil tank sediment from petroleum refining operations.

Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
Chrysene	218-01-9	0.059	3.4
Ethyl benzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K170

Clarified slurry oil sediment from petroleum refining operations.

Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
Chrysene	218-01-9	0.059	3.4
Dibenz(a,h)anthracene	53-70-3	0.055	8.2
Ethyl benzene	100-41-4	0.057	10
Fluorene	86-73-7	0.059	3.4
Indeno(1,2,3,-cd)pyrene	193-39-5	0.0055	3.4
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total	1330-20-7	0.32	30

K171

Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

Benz(a)anthracene	56-55-3	0.059	3.4
Benzene	71-43-2	0.14	10
Chrysene	218-01-9	0.059	3.4
Ethyl benzene	100-41-4	0.057	10
Naphthalene	91-20-3	0.059	5.6
Phenanthrene	81-05-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Arsenic	7740-38-2	1.4	5 mg/l TCLP
Nickel	7440-02-0	3.98	11.0 mg/{ TCLP
Vanadium	7440-62-2	4.3	1.6 mg/l TCLP
Reactive sulfides	NA	DEACT	DEACT

K172

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

Benzene	71-43-2	0.14	10
Ethyl benzene	100-41-4	0.057	10
Toluene (Methyl Benzene)	108-88-3	0.080	10
Xylenes (Total)	1330-20-7	0.32	30
Antimony	7740-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7740-38-2	1.4	5 mg/l TCLP
Nickel	7440-02-0	3.98	11.0 mg/{ TCLP
Vanadium	7440-62-2	4.3	1.6 mg/l TCLP
Reactive Sulfides	NA	DEACT	DEACT

K174

Wastewater treatment sludge from the production of ethylene dicholoride or vinyl choloride monomer.

1,2,3,4,6,7,8-Heptachlorodibenz o-p-dioxin	35822-46-9	0.000035 or CMBST ¹¹	0.0025 or CMBST ¹¹
(1,2,3,4,6,7,8-HpCDD)			
1,2,3,4,6,7,8-Heptachlorodibenz	67562-39-4	0.000035 or	0.0025 or
ofuran (1,2,3,4,6,7,8-HpCDF)		CMBST ¹¹	CMBST ¹¹
1,2,3,4,7,8,9-Heptachlorodibenz	55673-89-7	0.000035 or	0.0025 or
ofuran (1,2,3,4,7,8,9-HpCDF)		CMBST ¹¹	CMBST ¹¹
All	34465-46-8	0.000063 or	0.001 or CMBST ¹¹
hexachlorodibenzo-p-dioxins		CMBST ¹¹	
(HxCDDs)			
All hexachlorodibenzofurans	55684-94-1	0.000063 or	0.001 or CMBST ¹¹
(HxCDFs)		CMBST ¹¹	
1,2,3,4,6,7,8,9-Octachlorodibenz	3268-87-9	0.000063 or	0.005 or CMBST ¹¹
o-p-dioxin		CMBST ¹¹	
(1,2,3,4,6,7,8,9-OCDD)			
1,2,3,4,6,7,8,9-Octachlorodibenz	39001-02-0	0.000063 or	0.005 or CMBST ¹¹
ofuran (1,2,3,4,6,7,8,9-OCDF)		CMBST ¹¹	
All	36088-22-9	0.000063 or	0.001 or CMBST ¹¹
pentachlorodibenzo-p-dioxins		CMBST ¹¹	

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

(PeCDDs)			
All pentachlorodibenzofurans	30402-15-4	0.000035 or	0.001 or CMBST ¹¹
(PeCDFs)		CMBST ¹¹	
All tetrachlorodibenzo-p-dioxins	41903-57-5	0.000063 or	0.001 or CMBST ¹¹
(TCDDs)		CMBST ¹¹	
All tetrachlorodibenzofurans	55722-27-5	0.000063 or	0.001 or CMBST ¹¹
(TCDFs)		CMBST ¹¹	
Arsenic	7440-36-0	1.4	5.0 mg/ℓ TCLP

K175

Wastewater treatment sludge from the production of vinyl choloride monomer using mercuric chloride catalyst in an acetylene-based process.

Mercury ¹² PH ¹²	7439-97-6	NA NA	0.025 mg/ℓ TCLP pH ≤ 6.0
K175			
All K175 wastewaters.			
Mercury	7439-97-6	0.15	NA

K176

Baghouse filters from the production of antimony oxide, including filters from the production of intermediates e.g., antimony metal or crude antimony oxide).

Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Cadmium	7440-43-9	0.69	0.11 mg/l TCLP
Lead	7439-92-1	0.69	0.75 mg/{ TCLP
Mercury	7439-97-6	0.15	0.025 mg/l TCLP

K177

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide).

Antimony	7440-36-0	1.9	1.15 mg/ℓ TCLP
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP

K178

Residues from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process.

1,2,3,4,6,7,8-Heptachlorodibenz	35822-46-9	0.000035 or	0.0025 or
o-p-dioxin		CMBST ¹¹	CMBST ¹¹
(1,2,3,4,6,7,8-HpCDD)			
1,2,3,4,6,7,8-Heptachlorodibenz	67562-39-4	0.000035 or	0.0025 or
ofuran (1,2,3,4,6,7,8-HpCDF)		CMBST ¹¹	CMBST ¹¹
1,2,3,4,7,8,9-Heptachlorodibenz	55673-89-7	0.000035 or	0.0025 or
ofuran (1,2,3,4,7,8,9-HpCDF)		CMBST ¹¹	CMBST ¹¹
HxCDDs (All	34465-46-8	0.000063 or	0.001 or CMBST ¹¹
Hexachlorodibenzo-p-dioxins)		CMBST ¹¹	
	55684-94-1	0.000063 or	0.001 or CMBST ¹¹
		CMBST ¹¹	
	3268-87-9	0.000063 or	0.005 or CMBST ¹¹
		CMBST ¹¹	
	39001-02-0	0.000063 or	0.005 or CMBST ¹¹
		CMBST ¹¹	
	36088-22-9	0.000063 or	0.001 or CMBST ¹¹
		CMBST ¹¹	
	30402-15-4	0.000035 or	0.001 or CMBST ¹¹
		CMBST ¹¹	
the second se	41903-57-5	0.000063 or	0.001 or CMBST ¹¹
		CMBST ¹¹	
	55722-27-5	0.000063 or	0.001 or CMBST ¹¹
		CMBST ¹¹	
Thallium	7440-28-0	1.4	0.20 mg/ℓ TCLP
HxCDFs (All Hexachlorodibenzofurans) 1,2,3,4,6,7,8,9-Octachlorodibenz o-p-dioxin (1,2,3,4,6,7,8,9-OCDD) 1,2,3,4,6,7,8,9-Octachlorodibenz ofuran (OCDF) PeCDDs (All Pentachlorodibenzo-p-dioxins) PeCDFs (All Pentachlorodibenzofurans) TCDDs (All Tetrachlorodibenzo-p-dioxins) TCDFs (All Tetrachlorodibenzo-p-dioxins)	3268-87-9 39001-02-0 36088-22-9 30402-15-4 41903-57-5 55722-27-5	0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹ 0.000063 or CMBST ¹¹	0.005 or CMBST ¹¹ 0.005 or CMBST ¹¹ 0.001 or CMBST ¹¹ 0.001 or CMBST ¹¹ 0.001 or CMBST ¹¹ 0.001 or CMBST ¹¹

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

K181

Nonwastewaters from the production of dyes or pigments (including nonwastewaters commingled at the point of generation with nonwastewaters from other processes) that, at the point of generation, contain mass loadings of any of the constituents identified in Section 721.132(c) which are equal to or greater than the corresponding Section 721.132(c) levels, as determined on a calendar-year basis.

or
Ъ
or
or
)

P001

Warfarin, & salts, when present at concentrations greater than 0.3 percent.

Warfarin	81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P002			
1-Acetyl-2-thiourea. 1-Acetyl-2-thiourea	591-08-2	(WETOX or CHOXD) fb CARBN; or	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CMBST

P003			
Acrolein.			
Acrolein	107-02-8	0.29	CMBST
P004			
Aldrin.			
Aldrin	309-00-2	0.021	0.066
P005			
Allyl alcohol.			
Allyl alcohol	107-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P006			
Aluminum phosphide.			
Aluminum phosphide	20859-73-8	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
P007			
5-Aminomethyl-3-isoxazolol.			
5-Aminomethyl-3-isoxazolol	2763-96-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

POLLUTION CONTROL BOARD

P008			
4-Aminopyridine.			
4-Aminopyridine	504-24-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P009			
Ammonium picrate.			
Ammonium picrate	131-74-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P010			
Arsenic acid.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P011			
Arsenic pentoxide.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P012			
Arsenic trioxide.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P013			

POLLUTION CONTROL BOARD

7440-39-3 57-12-5 57-12-5	NA 1.2 0.86	21 mg/ℓ TCLP 590 30
108-98-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
7440-41-7	RMETL;or RTHRM	RMETL; or RTHRM
omethyl)ether).		
542-88-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
598-31-2	(WETOX or CHOXD) fb CARBN; or	CMBST
	57-12-5 57-12-5 108-98-5 7440-41-7 omethyl)ether). 542-88-1	57-12-5 1.2 57-12-5 0.86 108-98-5 (WETOX or CHOXD) fb CARBN; or CMBST 7440-41-7 RMETL;or RTHRM omethyl)ether). 542-88-1 (WETOX or CHOXD) fb CARBN; or CMBST 598-31-2 (WETOX or CHOXD) fb

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CMBST

357-57-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
noseb).		
88-85-7	0.066	2.5
57-12-5 57-12-5	1.2 0.86	590 30
75-15-0 75-15-0	3.8 NA	CMBST 4.8 mg/ℓ TCLP
	noseb). 88-85-7 57-12-5 57-12-5 75-15-0	CHOXD) fb CARBN; or CMBST noseb). 88-85-7 0.066 57-12-5 1.2 57-12-5 0.86 75-15-0 3.8

Chloroacetaldehyde.

POLLUTION CONTROL BOARD

Chloroacetaldehyde	107-20-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P024			
p-Chloroaniline.			
p-Chloroaniline	106-47-8	0.46	16
P026			
1-(o-Chlorophenyl)thiourea.			
1-(o-Chlorophenyl)thiourea	5344-82-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P027			
3-Chloropropionitrile.			
3-Chloropropionitrile	542-76-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P028			
Benzyl chloride.			
Benzyl chloride	100-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P029

Copper cyanide.

copper cyanide.			
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
P030			
Cyanides (soluble salts and comple	exes).		
Cyanides (Total) ⁷	57-12-5	1.2	590
Cyanides (Amenable) ⁷	57-12-5	0.86	30
P031			
Cyanogen.			
Cyanogen	460-19-5	CHOXD;	CHOXD;
		WETOX; or	WETOX; or
		CMBST	CMBST
P033			
Cyanogen chloride.			
Cyanogen chloride	506-77-4	CHOXD;	CHOXD;
		WETOX; or	WETOX; or
		CMBST	CMBST
P034			
2-Cyclohexyl-4,6-dinitrophenol.			
2-Cyclohexyl-4,6-dinitrophenol	131-89-5	(WETOX or	CMBST
		CHOXD) fb	
		CARBN; or	
		CMBST	

POLLUTION CONTROL BOARD

P036			
Dichlorophenylarsine.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P037			
Dieldrin.			
Dieldrin	60-57-1	0.017	0.13
P038			
Diethylarsine.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
P039			
Disulfoton.			
Disulfoton	298-04-4	0.017	6.2
P040			
O,O-Diethyl-O-pyrazinyl-phosphor	othioate.		
O,O-Diethyl-O-pyrazinylphosph orothioate	297-97-2	CARBN; or CMBST	CMBST
P041			
Diethyl-p-nitrophenyl phosphate.			
Diethyl-p-nitrophenyl phosphate	311-45-5	CARBN; or CMBST	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P042

Epinephrine.

Epinephrine	51-43-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P043			
Diisopropylfluorophosphate (DFP).		
Diisopropylfluorophosphate (DFP)	55-91-4	CARBN; or CMBST	CMBST
P044			
Dimethoate.			
Dimethoate	60-51-5	CARBN; or CMBST	CMBST
P045			
Thiofanox.			
Thiofanox	39196-18-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P046			
α, α -Dimethylphenethylamine.			
α, α -Dimethylphenethylamine	122-09-8	(WETOX or CHOXD) fb	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CARBN; or CMBST

P047			
4,6-Dinitro-o-cresol.			
4,6-Dinitro-o-cresol	543-52-1	0.28	160
P047			
4,6-Dinitro-o-cresol salts.			
NA	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P048			
2,4-Dinitrophenol.			
2,4-Dinitrophenol	51-28-5	0.12	160
P049			
Dithiobiuret.			
Dithiobiuret	541-53-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P050			
Endosulfan.			
Endosulfan I	939-98-8	0.023	0.066

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Endosulfan II Endosulfan sulfate	33213-6-5 1031-07-8	0.029 0.029	0.13 0.13
P051			
Endrin.			
Endrin Endrin aldehyde	72-20-8 7421-93-4	0.0028 0.025	0.13 0.13
P054			
Aziridine.			
Aziridine	151-56-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P056			
Fluorine.			
Fluoride (measured in wastewaters only)	16964-48-8 16984-48-8 <u>16964-48-8</u>	35	ADGAS fb NEUTR
P057			
Fluoroacetamide.			
Fluoroacetamide	640-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
2.1.2			

P058

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Fluoroacetic acid, sodium salt.

Fluoroacetic acid, sodium salt	62-74-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P059			
Heptachlor.			
Heptachlor Heptachlor epoxide	76-44-8 1024-57-3	0.0012 0.016	0.066 0.066
P060			
Isodrin.			
Isodrin	465-73-6	0.021	0.066
P062			
Hexaethyl tetraphosphate.			
Hexaethyl tetraphosphate	757-58-4	CARBN; or CMBST	CMBST
P063			
Hydrogen cyanide.			
Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	57-12-5 57-12-5	1.2 0.86	590 30
P064			

Isocyanic acid, ethyl ester.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Isocyanic acid, ethyl ester	624-83-9	(WETOX or	CMBST
		CHOXD) fb	
		CARBN; or	
		CMBST	

P065

P065 (mercury fulminate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.

Mercury	7439-97-6	NA	IMERC

P065

P065 (mercury fulminate) nonwastewaters that are either incinerator residues or are residues from RMERC; and contain greater than or equal to 260 mg/kg total mercury.

Mercury 7339-97-6	NA	RMERC
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P065

P065 (mercury fulminate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
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P065

P065 (mercury fulminate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.

Mercury	7439-97-6	NA	0.025 mg/l TCLP
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P065

All P065 (mercury fulminate) wastewaters.

Mercury	7439-97-6	0.15	NA
wiciculy	1433-31-0	0.15	141

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P066			
Methomyl.			
Methomyl	16752-77-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P067			
2-Methyl-aziridine.			
2-Methyl-aziridine	75-55-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P068			
Methyl hydrazine.			
Methyl hydrazine	60-34-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED, or CMBST
P069			
2-Methyllactonitrile.			
2-Methyllactonitrile	75-86-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
0.70			

P070

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Aldicarb.

Aldicarb	116-06-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P071			
Methyl parathion.			
Methyl parathion	298-00-0	0.014	4.6
P072			
1-Naphthyl-2-thiourea.			
1-Naphthyl-2-thiourea	86-88-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P073			
Nickel carbonyl.			
Nickel	7440-02-0	3.98	11 mg/ℓ TCLP
P074			
Nickel cyanide.			
Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Nickel	57-12-5 57-12-5 7440-02-0	1.2 0.86 3.98	590 30 11 mg/ℓ TCLP

P075

POLLUTION CONTROL BOARD

Nicotine and salts.			
Nicotine and salts	54-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P076			
Nitric oxide.			
Nitric oxide	10102-43-9	ADGAS	ADGAS
P077			
p-Nitroaniline.			
p-Nitroaniline	100-01-6	0.028	28
P078			
Nitrogen dioxide.			
Nitrogen dioxide	10102-44-0	ADGAS	ADGAS
P081			
Nitroglycerin.			
Nitroglycerin	55-63-0	CHOXD; CHRED; CARBN; BIODG or CMBST	CHOXD; CHRED; or CMBST
P082			
N-Nitrosodimethylamine.			
N-Nitrosodimethylamine	62-75-9	0.40	2.3

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P084

N-Nitrosomethylvinylamine.			
N-Nitrosomethylvinylamine	4549-40-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P085			
Octamethylpyrophosphoramide.			
Octamethylpyrophosphoramide	152-16-9	CARBN; or CMBST	CMBST
P087			
Osmium tetroxide.			
Osmium tetroxide	20816-12-0	RMETL; or RTHRM	RMETL; or RTHRM
P088			
Endothall.			
Endothall	145-73-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P089			
Parathion.			
Parathion	56-38-2	0.014	4.6

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P092

P092 (phenyl mercuric acetate) nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.

Mercury	7439-97-6	NA	IMERC; or
			RMERC

P092

P092 (phenyl mercuric acetate) nonwastewaters that are either incinerator residues or are residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.

Mercury	7439-97-6	NA	RMERC

P092

P092 (phenyl mercuric acetate) nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP
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P092

P092 (phenyl mercuric acetate) nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.

Mercury	7439-97-6	NA	0.025 mg/ℓ TCLP				
P092							
All P092 (phenyl mercuric acetate) wastewaters.							
Mercury	7439-97-6	0.15	NA				

P093

POLLUTION CONTROL BOARD

Phenylthiourea.			
Phenylthiourea	103-85-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P094			
Phorate.			
Phorate	298-02-2	0.021	4.6
P095			
Phosgene.			
Phosgene	75-44-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P096			
Phosphine.			
Phosphine	7803-51-2	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
P097			
Famphur.			
Famphur	52-85-7	0.017	15
P098			
Potassium cyanide.			

POLLUTION CONTROL BOARD

Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	57-12-5 57-12-5	1.2 0.86	590 30
P099			
Potassium silver cyanide.			
Cyanides (Total) ⁷ Cyanides (Amenable) ⁷ Silver	57-12-5 57-12-5 7440-22-4	1.2 0.86 0.43	590 30 0.14 mg/& TCLP
P101			
Ethyl cyanide (Propanenitrile).			
Ethyl cyanide (Propanenitrile)	107-12-0	0.24	360
P102			
Propargyl alcohol.			
Propargyl alcohol	107-19-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P103			
Selenourea.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
P104			
Silver cyanide.			
Cyanides (Total) ⁷	57-12-5	1.2	590

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Cyanides (Amenable) ⁷ Silver	57-12-5 7440-22-4	0.86 0.43	30 0.14 mg/ℓ TCLP
P105			
Sodium azide.			
Sodium azide	26628-22-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P106			
Sodium cyanide.			
Cyanides (Total) ⁷ Cyanides (Amenable) ⁷	57-12-5 57-12-5	1.2 0.86	590 30
P108			
Strychnine and salts.			
Strychnine and salts	57-24-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
P109			
Tetraethyldithiopyrophosphate.			
Tetraethyldithiopyrophosphate	3689-24-5	CARBN; or CMBST	CMBST
P110			

Tetraethyl lead.

POLLUTION CONTROL BOARD

Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
P111			
Tetraethylpyrophosphate.			
Tetraethylpyrophosphate	107-49-3	CARBN; or CMBST	CMBST
P112			
Tetranitromethane.			
Tetranitromethane	509-14-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
P113			
Thallic oxide.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
P114			
Thallium selenite.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
P115			
Thallium (I) sulfate.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
P116			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Thiosemicarbazide. Thiosemicarbazide 79-19-6 (WETOX or CMBST CHOXD) fb CARBN; or CMBST P118 Trichloromethanethiol. Trichloromethanethiol 75-70-7 (WETOX or CMBST CHOXD) fb CARBN; or CMBST P119 Ammonium vanadate. 7440-62-2 4.3 STABL Vanadium (measured in wastewaters only) P120 Vanadium pentoxide. 4.3 Vanadium (measured in 7440-62-2 STABL wastewaters only) P121 Zinc cyanide. Cyanides (Total)7 1.2 590 57-12-5 Cyanides (Amenable)7 57-12-5 0.86 30

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

P122

Zinc phosphide Zn_3P_2 , when present at concentrations greater than 10 percent.

Zinc Phosphide	1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
P123			
Toxaphene.			
Toxaphene	8001-35-2	0.0095	2.6
P127			
Carbofuran. ¹⁰			
Carbofuran	1563-66-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
P128			
Mexacarbate. ¹⁰			
Mexacarbate	315-18-4	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P185			
Tirpate. ¹⁰			
Tirpate	26419-73-8	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST

P188

POLLUTION CONTROL BOARD

Physostigimine salicylate.10			
Physostigmine salicylate	57-64-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P189			
Carbosulfan. ¹⁰			
Carbosulfan	55285-14-8	0.028; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P190			
Metolcarb. ¹⁰			
Metolcarb	1129-41-5	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P191			
Dimetilan. ¹⁰			
Dimetilan	644-64-4	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P192			
Isolan. ¹⁰			
Isolan	119-38-0	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST

POLLUTION CONTROL BOARD

P194			
Oxamyl. ¹⁰			
Oxamyl	23135-22-0	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST
P196			
Manganese dimethyldithiocarban	nates (total). ¹⁰		
Dithiocarbamates (total)	NA	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
P197			
Formparanate. ¹⁰			
Formparanate	17702-57-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P198			
Formetanate hydrochloride. ¹⁰			
Formetanate hydrochloride	23422-53-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P199			
Methiocarb. ¹⁰			
Methiocarb	2032-65-7	0.056; or CMBST,	1.4; or CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CHOXD, BIODG or CARBN

P201			
Promecarb. ¹⁰			
Promecarb	2631-37-0	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P202			
m-Cumenyl methylcarbamate.10			
m-Cumenyl methylcarbamate	64-00-6	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P203			
Aldicarb sulfone. ¹⁰			
Aldicarb sulfone	1646-88-4	0.056; or CMBST, CHOXD, BIODG or CARBN	0.28; or CMBST
P204			
Physostigmine. ¹⁰			
Physostigmine	57-47-6	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
P205			
Ziram. ¹⁰			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Dithiocarbamates (total)	NA	0.028; or CMBST, CHOXD, BIODG or CARBN	28; or CMBST
U001			
Acetaldehyde.			
Acetaldehyde	75-07-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U002			
Acetone.			
Acetone	67-64-1	0.28	160
U003			
Acetonitrile.			
Acetonitrile Acetonitrile; alternate ⁶ standard	75-05-8 75-05-8	5.6 NA	CMBST 38
for nonwastewaters only	15 05 0	1111	50
U004			
Acetophenone.			
Acetophenone	98-86-2	0.010	9.7
U005			
2 4 4 1 1 0			

2-Acetylaminofluorene.

POLLUTION CONTROL BOARD

2-Acetylaminofluorene	53-96-3	0.059	140
U006			
Acetyl chloride.			
Acetyl chloride	75-36-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U007			
Acrylamide.			
Acrylamide	79-06-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U008			
Acrylic acid.			
Acrylic acid	79-10-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U009			
Acrylonitrile.			
Acrylonitrile	107-13-1	0.24	84
U010			
Mitomycin C.			

POLLUTION CONTROL BOARD

Mitomycin C	50-07-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U011			
Amitrole.			
Amitrole	61-82-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U012			
Aniline.			
Aniline	62-53-3	0.81	14
U014			
Auramine.			
Auramine	492-80-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U015			
Azaserine.			
Azaserine	115-02-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U016

Benz(c)acridine.

Benz(c)acridine	225-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U017			
Benzal chloride.			
Benzal chloride	98-87-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U018			
Benz(a)anthracene.			
Benz(a)anthracene	56-55-3	0.059	3.4
U019			
Benzene.			
Benzene	71-43-2	0.14	10
U020			
Benzenesulfonyl chloride.			
Benzenesulfonyl chloride	98-09-9	(WETOX or CHOXD) fb CARBN; or	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CMBST

U021			
Benzidine.			
Benzidine	92-87-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U022			
Benzo(a)pyrene.			
Benzo(a)pyrene	50-32-8	0.061	3.4
U023			
Benzotrichloride.			
Benzotrichloride	98-07-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U024			
bis(2-Chloroethoxy)methane.			
bis(2-Chloroethoxy)methane	111-91-1	0.036	7.2
U025			
bis(2-Chloroethyl)ether.			
bis(2-Chloroethyl)ether	111-44-4	0.033	6.0
11026			

U026

POLLUTION CONTROL BOARD

Chlornaphazine.			
Chlornaphazine	494-03-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U027			
bis(2-Chloroisopropyl)ether.			
bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
U028			
bis(2-Ethylhexyl)phthalate.			
bis(2-Ethylhexyl)phthalate	117-81-7	0.28	28
U029			
Methyl bromide (Bromomethane)).		
Methyl bromide (Bromomethane)	74-83-9	0.11	15
U030			
4-Bromophenyl phenyl ether.			
4-Bromophenyl phenyl ether	101-55-3	0.055	15
U031			
n-Butyl alcohol.			
n-Butyl alcohol	71-36-3	5.6	2.6

POLLUTION CONTROL BOARD

U032			
Calcium chromate.			
Chromium (Total)	7440-47-3	2.77	0.60 mg/ℓ TCLP
U033			
Carbon oxyfluoride.			
Carbon oxyfluoride	353-50-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U034			
Trichloroacetaldehyde (Chloral).			
Trichloroacetaldehyde (Chloral)	75-87-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U035			
Chlorambucil.			
Chlorambucil	305-03-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U036			
Chlordane.			

POLLUTION CONTROL BOARD

Chlordane (α and χ isomers)	57-74-9	0.0033	0.26
U037			
Chlorobenzene.			
Chlorobenzene	108-90-7	0.057	6.0
U038			
Chlorobenzilate.			
Chlorobenzilate	510-15-6	0.10	CMBST
U039			
p-Chloro-m-cresol.			
p-Chloro-m-cresol	59-50-7	0.018	14
U041			
Epichlorohydrin (1-Chloro-2,3-ep	oxypropane).		
Epichlorohydrin (1-Chloro-2,3-epoxypropane)	106-89-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U042			
2-Chloroethyl vinyl ether.			
2-Chloroethyl vinyl ether	110-75-8	0.062	CMBST
U043			
Vinyl chloride.			

POLLUTION CONTROL BOARD

Vinyl chloride	75-01-4	0.27	6.0
U044			
Chloroform.			
Chloroform	67-66-3	0.046	6.0
U045			
Chloromethane (Methyl chloride).			
Chloromethane (Methyl chloride)	74-87-3	0.19	30
U046			
Chloromethyl methyl ether.			
Chloromethyl methyl ether	107-30-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U047			
2-Chloronaphthalene.			
2-Chloronaphthalene	91-58-7	0.055	5.6
U048			
2-Chlorophenol.			
2-Chlorophenol	95-57-8	0.044	5.7
U049			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

4-Chloro-o-toluidine hydrochloride.

4-Chloro-o-toluidine hydrochloride	3165-93-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U050			
Chrysene.			
Chrysene	218-01-9	0.059	3.4
U051			
Creosote.			
Naphthalene	91-20-3	0.059	5.6
Pentachlorophenol	87-86-5	0.089	7.4
Phenanthrene	85-01-8	0.059	5.6
Pyrene	129-00-0	0.067	8.2
Toluene	108-88-3	0.080	10
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
Lead	7439-92-1	0.69	0.75 mg/{ TCLP
U052			
Cresols (Cresylic acid).			
o-Cresol	95-48-7	0.11	5.6
m-Cresol (difficult to distinguish	108-39-4	0.77	5.6
from p-cresol)	100 11 5	0.77	5.6
p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
Cresol-mixed isomers (Cresylic	1319-77-3	0.88	11.2

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

acid) (sum of o-, m-, and p-cresol concentrations)

U053

Crotonaldehyde.

Crotonaldehyde	4170-30-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U055			
Cumene.			
Cumene	98-82-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U056			
Cyclohexane.			
Cyclohexane	110-82-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U057			
Cyclohexanone.			
Cyclohexanone Cyclohexanone; alternate ⁶ standard for nonwastewaters	108-94-1 108-94-1	0.36 NA	CMBST 0.75 mg/ℓ TCLP

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

only

U058

Cyclophosphamide.

Cyclophosphamide	50-18-0	CARBN; or CMBST	CMBST
U059			
Daunomycin.			
Daunomycin	20830-81-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U060			
DDD.			
o,p'-DDD p,p'-DDD	53-19-0 72-54-8	0.023 0.023	0.087 0.087
U061			
DDT.			
o,p'-DDT	789-02-6	0.0039	0.087
p,p'-DDT	50-29-3	0.0039	0.087
o,p'-DDD	53-19-0	0.023	0.087
p,p'-DDD	72-54-8	0.023	0.087
o,p'-DDE	3424-82-6	0.031	0.087
p,p'-DDE	72-55-9	0.031	0.087

U062

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Diallate.

2303-16-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
53-70-3	0.055	8.2
189-55-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
96-12-8	0.11	15
oethane).		
106-93-4	0.028	15
	53-70-3 189-55-9 96-12-8 pethane).	CHOXD) fb CARBN; or CMBST 53-70-3 0.055 189-55-9 (WETOX or CHOXD) fb CARBN; or CMBST 96-12-8 0.11 pethane).

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Dibromomethane	74-95-3	0.11	15
U069			
Di-n-butyl phthalate.			
Di-n-butyl phthalate	84-74-2	0.057	28
U070			
o-Dichlorobenzene.			
o-Dichlorobenzene	95-50-1	0.088	6.0
U071			
m-Dichlorobenzene.			
m-Dichlorobenzene	541-73-1	0.036	6.0
U072			
p-Dichlorobenzene.			
p-Dichlorobenzene	106-46-7	0.090	6.0
U073			
3,3'-Dichlorobenzidine.			
3,3'-Dichlorobenzidine	91-94-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U074

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

1,4-Dichloro-2-butene.

cis-1,4-Dichloro-2-butene	1476-11-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
trans-1,4-Dichloro-2-butene	764-41-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U075			
Dichlorodifluoromethane.			
Dichlorodifluoromethane	75-71-8	0.23	7.2
U076			
1,1-Dichloroethane.			
1,1-Dichloroethane	75-34-3	0.059	6.0
U077			
1,2-Dichloroethane.			
1,2-Dichloroethane	107-06-2	0.21	6.0
U078			
1,1-Dichloroethylene.			
1,1-Dichloroethylene	75-35-4	0.025	6.0
U079			
1,2-Dichloroethylene.			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

trans-1,2-Dichloroethylene	156-60-5	0.054	30
U080			
Methylene chloride.			
Methylene chloride	75-09-2	0.089	30
U081			
2,4-Dichlorophenol.			
2,4-Dichlorophenol	120-83-2	0.044	14
U082			
2,6-Dichlorophenol.			
2,6-Dichlorophenol	87-65-0	0.044	14
U083			
1,2-Dichloropropane.			
1,2-Dichloropropane	78-87-5	0.85	18
U084			
1,3-Dichloropropylene.			
cis-1,3-Dichloropropylene trans-1,3-Dichloropropylene	10061-01-5 10061-02-6	0.036 0.036	18 18
U085			

1,21.2.:3,4-Diepoxybutane.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

1,2:3,4-Diepoxybutane 1,2,3,4-Diepoxybutane <u>1,2:3,4-D</u> iepoxybutane	1464-53-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U086			
N,N'-Diethylhydrazine.			
N,N'-Diethylhydrazine	1615-80-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U087			
O,O-Diethyl-S-methyldithiophosph	ate.		
O,O-Diethyl-S-methyldithiophos phate	3288-58-2	CARBN; or CMBST	CMBST
U088			
Diethyl phthalate.			
Diethyl phthalate	84-66-2	0.20	28
U089			
Diethyl stilbestrol.			
Diethyl stilbestrol	56-53-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U090			

Dihydrosafrole.

POLLUTION CONTROL BOARD

Dihydrosafrole	94-58-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U091			
3,3'-Dimethoxybenzidine.			
3,3'-Dimethoxybenzidine	119-90-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U092			
Dimethylamine.			
Dimethylamine	124-40-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U093			
p-Dimethylaminoazobenzene.			
p-Dimethylaminoazobenzene	60-11-7	0.13	CMBST
U094			
7,12-Dimethylbenz(a)anthracene.			
7,12-Dimethylbenz(a)anthracene	57-97-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U095

3,3'-Dimethylbenzidine.			
3,3'-Dimethylbenzidine	119-93-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U096			
α , α -Dimethyl benzyl hydroperox	ide.		
α, α-Dimethyl benzyl hydroperoxide	80-15-9	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U097			
Dimethylcarbamoyl chloride.			
Dimethylcarbamoyl chloride	79-44-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U098			
1,1-Dimethylhydrazine.			
1,1-Dimethylhydrazine	57-14-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U099			

1,2-Dimethylhydrazine.

POLLUTION CONTROL BOARD

1,2-Dimethylhydrazine	540-73-8	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U101			
2,4-Dimethylphenol.			
2,4-Dimethylphenol	105-67-9	0.036	14
U102			
Dimethyl phthalate.			
Dimethyl phthalate	131-11-3	0.047	28
U103			
Dimethyl sulfate.			
Dimethyl sulfate	77-78-1	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U105			
2,4-Dinitrotoluene.			
2,4-Dinitrotoluene	121-14-2	0.32	140
U106			
2,6-Dinitrotoluene.			
2,6-Dinitrotoluene	606-20-2	0.55	28
U107			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Di-n-octyl phthalate.			
Di-n-octyl phthalate	117-84-0	0.017	28
U108			
1,4-Dioxane.			
1,4-Dioxane	123-91-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
1,4-Dioxane; alternate ⁶ standard for nonwastewaters only	123-91-1	12.0	170
U109			
1,2-Diphenylhydrazine.			
1,2-Diphenylhydrazine	122-66-7	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
1,2-Diphenylhydrazine; alternate ⁶ standard for wastewaters only	122-66-7	0.087	NA
U110			
Dipropylamine.			
Dipropylamine	142-84-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U111

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Di-n-propylnitrosamine.			
Di-n-propylnitrosamine	621-64-7	0.40	14
U112			
Ethyl acetate.			
Ethyl acetate	141-78-6	0.34	33
U113			
Ethyl acrylate.			
Ethyl acrylate	140-88-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U114			
Ethylenebisdithiocarbamic acid sal	ts and esters.		
Ethylenebisdithiocarbamic acid	111-54-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U115			
Ethylene oxide.			
Ethylene oxide	75-21-8	(WETOX or CHOXD) fb CARBN; or CMBST	CHOXD; CMBST
Ethylene oxide; alternate ⁶ standard for wastewaters only	75-21-8	0.12	NA

or

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U116

Ethylene thiourea.

Ethylene thiourea	96-45-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U117			
Ethyl ether.			
Ethyl ether	60-29-7	0.12	160
U118			
Ethyl methacrylate.			
Ethyl methacrylate	97-63-2	0.14	160
U119			
Ethyl methane sulfonate.			
Ethyl methane sulfonate	62-50-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U120			
Fluoranthene.			
Fluoranthene	206-44-0	0.068	3.4
U121			

POLLUTION CONTROL BOARD

Trichloromonofluoromethan	e.		
Trichloromonofluorometha	ne 75-69-4	0.020	30
U122			
Formaldehyde.			
Formaldehyde	50-00-0	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U123			
Formic acid.			
Formic acid	64-18-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U124			
Furan.			
Furan	110-00-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U125			
Furfural.			
Furfural	98-01-1	(WETOX or CHOXD) fb	CMBST

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

CARBN; or CMBST

U	126	

Glycidylaldehyde.

Glycidylaldehyde	765-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U127			
Hexachlorobenzene.			
Hexachlorobenzene	118-74-1	0.055	10
U128			
Hexachlorobutadiene.			
Hexachlorobutadiene	87-68-3	0.055	5.6
U129			
Lindane.			
α-BHC	319-84-6	0.00014	0.066
β-ΒΗС	319-85-7	0.00014	0.066
δ-BHC	319-86-8	0.023	0.066
γ-BHC (Lindane)	58-89-9	0.0017	0.066
U130			
Hexachlorocyclopentadiene.			
Hexachlorocyclopentadiene	77-47-4	0.057	2.4

POLLUTION CONTROL BOARD

U131			
Hexachloroethane.			
Hexachloroethane	67-72-1	0.055	30
U132			
Hexachlorophene.			
Hexachlorophene	70-30-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U133			
Hydrazine.			
Hydrazine	302-01-2	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST
U134			
Hydrogen fluoride.			
Fluoride (measured in wastewaters only)	7664-39-3	35	ADGAS fb NEUTR; or NEUTR
U135			
Hydrogen sulfide.			
Hydrogen sulfide	7783-06-4	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST

POLLUTION CONTROL BOARD

U136			
Cacodylic acid.			
Arsenic	7440-38-2	1.4	5.0 mg/ℓ TCLP
U137			
Indeno(1,2,3-cd)pyrene.			
Indeno(1,2,3-cd)pyrene	193-39-5	0.0055	3.4
U138			
Iodomethane.			
Iodomethane	74-88-4	0.19	65
U140			
Isobutyl alcohol.			
Isobutyl alcohol	78-83-1	5.6	170
U141			
Isosafrole.			
Isosafrole	120-58-1	0.081	2.6
U142			
Kepone.			
Kepone	143-50-8	0.0011	0.13

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U143

Lasiocarpine.

Lasiocarpine	303-34-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U144			
Lead acetate.			
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
U145			
Lead phosphate.			
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
U146			
Lead subacetate.			
Lead	7439-92-1	0.69	0.75 mg/ℓ TCLP
U147			
Maleic anhydride.			
Maleic anhydride	108-31-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U148

POLLUTION CONTROL BOARD

Maleic hydrazide.			
Maleic hydrazide	123-33-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U149			
Malononitrile.			
Malononitrile	109-77-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U150			
Melphalan.			
Melphalan	148-82-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U151			
U151 (mercury) nonwastev	vaters that contain greater	than or equal to 260	mg/kg total mercury.
Mercury	7439-97-6	NA	RMERC
U151			
U151 (mercury) nonwastev residues from RMERC onl		an 260 mg/kg total me	ercury and that are

Mercury	7439-97-6	NA	0.20 mg/ℓ TCLP

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U151

U151 (mercury) nonwastewaters that contain less than 260 mg/kg total mercury and that are not residues from RMERC only.

Mercury	7439-97-6	NA	0.025 mg/l TCLP
U151			
All U151 (mercury) wastewa	ater.		
Mercury	7439-97-6	0.15	NA
U151			
Elemental Mercury Contami	inated with Radioactive	Materials.	
Mercury	7439-97-6	NA	AMLGM
U152			
Methacrylonitrile.			
Methacrylonitrile	126-98-7	0.24	84
U153			
Methanethiol.			
Methanethiol	74-93-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U154			

0154

Methanol.

POLLUTION CONTROL BOARD

Methanol	67-56-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
Methanol; alternate ⁶ set of standards for both wastewaters and nonwastewaters	67-56-1	5.6	0.75 mg/ℓ TCLP
U155			
Methapyrilene.			
Methapyrilene	91-80-5	0.081	1.5
U156			
Methyl chlorocarbonate.			
Methyl chlorocarbonate	79-22-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U157			
3-Methylcholanthrene.			
3-Methylcholanthrene	56-49-5	0.0055	15
U158			
4,4'-Methylene bis(2-chloroaniline)).		
4,4'-Methylene bis(2-chloroaniline)	101-14-4	0.50	30
U159			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Aethyl ethyl ketone.					
Methyl ethyl ketone	78-93-3	0.28	36		
U160					
Methyl ethyl ketone peroxide.					
Methyl ethyl ketone peroxide	1338-23-4	CHOXD; CHRED; CARBN; BIODG; or CMBST	CHOXD; CHRED; or CMBST		
U161					
Methyl isobutyl ketone.					
Methyl isobutyl ketone	108-10-1	0.14	33		
U162					
Methyl methacrylate.					
Methyl methacrylate	80-62-6	0.14	160		
U163					
N-Methyl-N'-nitro-N-nitrosoguanidine.					
N-Methyl-N'-nitro-N-nitrosogua nidine	70-25-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST		
U164					

Methylthiouracil.

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POLLUTION CONTROL BOARD

THC.	The of The obli	5 THILITE MENTS	
Methylthiouracil	56-04-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U165			
Naphthalene.			
Naphthalene	91-20-3	0.059	5.6
U166			
1,4-Naphthoquinone.			
1,4-Naphthoquinone	130-15-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U167			
1-Naphthylamine.			
1-Naphthylamine	134-32-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U168			
2-Naphthylamine.			
2-Naphthylamine	91-59-8	0.52	CMBST
U169			
Nitrobenzene.			

POLLUTION CONTROL BOARD

Nitrobenzene	98-95-3	0.068	14
U170			
p-Nitrophenol.			
p-Nitrophenol	100-02-7	0.12	29
U171			
2-Nitropropane.			
2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U172			
N-Nitrosodi-n-butylamine.			
N-Nitrosodi-n-butylamine	924-16-3	0.40	17
U173			
N-Nitrosodiethanolamine.			
N-Nitrosodiethanolamine	1116-54-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U174			
N-Nitrosodiethylamine.			
N-Nitrosodiethylamine	55-18-5	0.40	28

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U176

N-Nitroso-N-ethylurea.

N-Nitroso-N-ethylurea	759-73-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U177			
N-Nitroso-N-methylurea.			
N-Nitroso-N-methylurea	684-93-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U178			
N-Nitroso-N-methylurethane.			
N-Nitroso-N-methylurethane	615-53-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U179			
N-Nitrosopiperidine.			
N-Nitrosopiperidine	100-75-4	0.013	35
U180			
N-Nitrosopyrrolidine.			

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

N-Nitrosopyrrolidine	930-55-2	0.013	35
U181			
5-Nitro-o-toluidine.			
5-Nitro-o-toluidine	99-55-8	0.32	28
U182			
Paraldehyde.			
Paraldehyde	123-63-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U183			
Pentachlorobenzene.			
Pentachlorobenzene	608-93-5	0.055	10
U184			
Pentachloroethane.			
Pentachloroethane	76-01-7	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
Pentachloroethane; alternate ⁶ standards for both wastewaters and nonwastewaters	76-01-7	0.055	6.0
U185			

Pentachloronitrobenzene.

POLLUTION CONTROL BOARD

Pentachloronitrobenzene	82-68-8	0.055	4.8
U186			
1,3-Pentadiene.			
1,3-Pentadiene	504-60-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U187			
Phenacetin.			
Phenacetin	62-44-2	0.081	16
U188			
Phenol.			
Phenol	108-95-2	0.039	6.2
U189			
Phosphorus sulfide.			
Phosphorus sulfide	1314-80-3	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
U190			
Phthalic anhydride.			
Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	100-21-0	0.055	28

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Phthalic anhydride (measured as Phthalic acid or Terephthalic acid)	85-44-9	0.055	28
U191			
2-Picoline.			
2-Picoline	109-06-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U192			
Pronamide.			
Pronamide	23950-58-5	0.093	1.5
U193			
1,3-Propane sultone.			
1,3-Propane sultone	1120-71-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U194			
n-Propylamine.			
n-Propylamine	107-10-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

U196

POLLUTION CONTROL BOARD

Pyridine.			
Pyridine	110-86-1	0.014	16
U197			
p-Benzoquinone.			
p-Benzoquinone	106-51-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U200			
Reserpine.			
Reserpine	50-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U201			
Resorcinol.			
Resorcinol	108-46-3	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U203			
Safrole.			
Safrole	94-59-7	0.081	22

POLLUTION CONTROL BOARD

U204			
Selenium dioxide.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
U205			
Selenium sulfide.			
Selenium	7782-49-2	0.82	5.7 mg/ℓ TCLP
U206			
Streptozotocin.			
Streptozotocin	18883-66-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U207			
1,2,4,5-Tetrachlorobenzene.			
1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
U208 1,1,1,2- Tetrachloroethane.			
1,1,1,2-Tetrachloroethane	630-20-6	0.057	6.0
U209			
1,1,2,2-Tetrachloroethane.			
1,1,2,2-Tetrachloroethane	79-34-5	0.057	6.0

POLLUTION CONTROL BOARD

U210			
Tetrachloroethylene.			
Tetrachloroethylene	127-18-4	0.056	6.0
U211			
Carbon tetrachloride.			
Carbon tetrachloride	56-23-5	0.057	6.0
U213			
Tetrahydrofuran.			
Tetrahydrofuran	109-99-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U214			
Thallium (I) acetate.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U215			
Thallium (I) carbonate.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U216			

POLLUTION CONTROL BOARD

Thallium (I) chloride.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U217			
Thallium (I) nitrate.			
Thallium (measured in wastewaters only)	7440-28-0	1.4	RTHRM; or STABL
U218			
Thioacetamide.			
Thioacetamide	62-55-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U219			
Thiourea.			
Thiourea	62-56-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U220			
Toluene.			
Toluene	108-88-3	0.080	10
U221			

POLLUTION CONTROL BOARD

Toluenediamine.			
Toluenediamine	25376-45-8	CARBN; or CMBST	CMBST
U222			
o-Toluidine hydrochloride.			
o-Toluidine hydrochloride	636-21-5	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U223			
Toluene diisocyanate.			
Toluene diisocyanate	26471-62-5	CARBN; or CMBST	CMBST
U225			
Bromoform (Tribromomethane).			
Bromoform (Tribromomethane)	75-25-2	0.63	15
U226 1,1,1-Trichloroethane.			
1,1,1-Trichloroethane	71-55-6	0.054	6.0
U227			
1,1,2-Trichloroethane.			
1,1,2-Trichloroethane	79-00-5	0.054	6.0

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

U228

Trichloroethylene.			
Trichloroethylene	79-01-6	0.054	6.0
U234 1,3,5-Trinitrobenzene.			
1,3,5-Trinitrobenzene	99-35-4	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U235			
tris-(2,3-Dibromopropyl)-phosphat	е.		
tris-(2,3-Dibromopropyl)-phosp hate	126-72-7	0.11	0.10
U236			
Trypan Blue.			
Trypan Blue	72-57-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U237			
Uracil mustard.			
Uracil mustard	66-75-1	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST

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U238

Urethane (Ethyl carbamate).

Urethane (Ethyl carbamate)	51-79-6	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U239			
Xylenes.			
Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
U240			
2,4-D (2,4-Dichlorophenoxyaceti	c acid).		
2,4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	10
2,4-D (2,4-Dichlorophenoxyacetic acid) salts and esters	NA	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
U243			
Hexachloropropylene.			
Hexachloropropylene	1888-71-7	0.035	30

U244

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137-26-8	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
506-68-3	CHOXD; WETOX; or CMBST	CHOXD; WETOX; or CMBST
72-43-5	0.25	0.18
nt at concentrations of	0.3 percent or less.	
81-81-2	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
present at concentratio	ns of 10 percent or less.	
1314-84-7	CHOXD; CHRED; or CMBST	CHOXD; CHRED; or CMBST
	506-68-3 72-43-5 nt at concentrations of 81-81-2 present at concentratio	CHOXD) fb CARBN; or CMBST 506-68-3 CHOXD; WETOX; or CMBST 72-43-5 0.25 ant at concentrations of 0.3 percent or less. 81-81-2 (WETOX or CHOXD) fb CARBN; or CMBST present at concentrations of 10 percent or less. 1314-84-7 CHOXD; CHRED;

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Benomyl. ¹⁰			
Benomyl	17804-35-2	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U278			
Bendiocarb.10			
Bendiocarb	22781-23-3	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U279			
Carbaryl. ¹⁰			
Carbaryl	63-25-2	0.006; or CMBST, CHOXD, BIODG or CARBN	0.14; or CMBST
U280			
Barban. ¹⁰			
Barban	101-27-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U328			
o-Toluidine.			
o-Toluidine	95-53-4	CMBST; or CHOXD fb (BIODG or	CMBST

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CARBN); or BIODG fb CARBN

U353

p-Toluidine.

p-Toluidine

106-49-0 CMBST; or CMBST CHOXD fb (BIODG or CARBN); or BIODG fb CARBN

U359

2-Ethoxyethanol.

2-Ethoxyethanol	110-80-5	CMBST; or	CMBST
		CHOXD fb	
		(BIODG or	
		CARBN); or	
		BIODG fb	
		CARBN	

U364

Bendiocarb phenol.¹⁰

Bendiocarb phenol 22961-82-6 0.056; or CMBST, 1.4; or CMBST CHOXD, BIODG or CARBN

U367

Carbofuran phenol.10

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Carbofuran phenol	1563-38-8	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U372 Carbendazim. ¹⁰			
Carbendazim	10605-21-7	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U373			
Propham. ¹⁰			
Propham	122-42-9	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U387			
Prosulfocarb. ¹⁰			
Prosulfocarb	52888-80-9	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U389			
Triallate. ¹⁰			
Triallate	2303-17-5	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
U394			
A2213.10			

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	A2213. ⁴⁰ A2213	30558-43-1	0.042; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
D)	U395			
]	Diethylene glycol, dicarbamate. ¹⁰			
	Diethylene glycol, dicarbamate	5952-26-1	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
1	U404			
	Triethylamine. ¹⁰			
	Triethylamine	101-44-8 121-44-8 <u>101-44-8</u>	0.081; or CMBST, CHOXD, BIODG or CARBN	1.5; or CMBST
1	U409			
	Thiophanate-methyl. ¹⁰			
	Thiophanate-methyl	23564-05-8	0.056; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST
1	U410			
,	Thiodicarb. ¹⁰			
	Thiodicarb	59669-26-0	0.019; or CMBST, CHOXD, BIODG or CARBN	1.4; or CMBST

U411

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Propoxur.10

Propoxur

114-26-1

0.056; or CMBST, 1.4; or CMBST CHOXD, BIODG or CARBN

Notes:

- 1 The waste descriptions provided in this table do not replace waste descriptions in 35 Ill. Adm. Code 721. Descriptions of Treatment or Regulatory Subcategories are provided, as needed, to distinguish between applicability of different standards.
- 2 CAS No. means Chemical Abstract Services. When the waste code or regulated constituents are described as a combination of a chemical with its salts or esters, the CAS No. number is given for the parent compound only.
- 3 Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.
- 4 All treatment standards expressed as a Technology Code or combination of Technology Codes are explained in detail in Table C of this Part, ""Technology Codes and Descriptions of Technology-Based Standards." """fb2" inserted between waste codes denotes "followed by," so that the first-listed treatment is followed by the second-listed treatment. A semicolon (;) separates alternative treatment schemes.

5 Except for Metals (EP or TCLP) and Cyanides (Total and Amenable), the nonwastewater treatment standards expressed as a concentration were established, in part, based on incineration in units operated in accordance with the technical requirements of Subpart O of 35 Ill. Adm. Code 724 or Subpart O of 35 Ill. Adm. Code 725 or based on combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in Section 728.140(d). All concentration standards for nonwastewaters are based on analysis of grab samples.

6 Where an alternate treatment standard or set of alternate standards has been indicated, a facility may comply with this alternate standard, but only for the Treatment or Regulatory

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Subcategory or physical form (i.e., wastewater or nonwastewater) specified for that alternate standard.

- 7 Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010C or 9012B, in "Test Methods for Evaluating Solid Waste, Physical or Chemical Methods," USEPA publication number EPA-530/SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111(a), with a sample size of 10 grams and a distillation time of one hour and 15 minutes.
- 8 These wastes, when rendered non-hazardous and then subsequently managed in CWA or CWA-equivalent systems, are not subject to treatment standards. (See Section 728.101(c)(3) and (c)(4).)
- 9 These wastes, when rendered non-hazardous and then subsequently injected in a Class I SDWA well, are not subject to treatment standards. (See 35 Ill. Adm. Code 738.101(d).)
- 10 The treatment standard for this waste may be satisfied by either meeting the constituent concentrations in the table in this Section or by treating the waste by the specified technologies: combustion, as defined by the technology code CMBST at Table C for nonwastewaters; and biodegradation, as defined by the technology code BIODG; carbon adsorption, as defined by the technology code CARBN; chemical oxidation, as defined by the technology code CMBST, at Table C, for wastewaters.
- 11 For these wastes, the definition of CMBST is limited to any of the following that have obtained a determination of equivalent treatment under Section 728.142(b): (1) combustion units operating under 35 Ill. Adm. Code 726, (2) combustion units permitted under Subpart O of 35 Ill. Adm. Code 724, or (3) combustion units operating under Subpart O of 35 Ill. Adm. Code 725.
- 12 Disposal of USEPA hazardous waste number K175 waste that has complied with all applicable Section 728.140 treatment standards must also be macroencapsulated in accordance with Table F of this Part, unless the waste is placed in either of the following types of facilities:
 - a) A RCRA Subtitle C monofill containing only K175 wastes that meet all applicable 40 CFR 268.40 treatment standards; or

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b) A dedicated RCRA Subtitle C landfill cell in which all other wastes being co-disposed are at pH≤6.0.

BOARD NOTE: Derived from table to 40 CFR 268.40 (2011)(2015)(2011).

NA means not applicable.

(Source: Amended at 40 Ill. Reg. ____, effective _____)

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