9856723

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: TXD008950461
2. Page 1 of 1
3. Emergency Response Phone: (877)818-0087
4. Manifest Tracking Number: 000832683 VES

5. Generator's Name and Mailing Address
US EPA REGION 6-CES(65F-PR)
1445 ROSS AVE, SUITE 1200
DALLAS, TX 75202
Generator's Phone: (214)789-1627

Generator's Site Address (if different than mailing address)
US EPA REGION VI-CES ENVIRON
4904 GRIGGS RD
HOUSTON, TX 77021

6. Transporter 1 Company Name: Spring Waste
U.S. EPA ID Number: TXR000076257

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: VEOLIA ES TECHNICAL SOLUTIONS
HIGHWAY 73
3.5 MILES W. OF TAYLOR'S BAYOU
PORT ARTHUR, TX 77640
Facility's Phone: (409)736-2821
U.S. EPA ID Number: TXD000838896

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, n.o.s. (BENZENE), 9, III, RQ (D018)	1	CM	Est 3,000 LBS	P	D007 D008 D018 D020 FX89603H
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1)678291/PTA678291

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Gary Moore for EPA
Signature:
Month 10 Day 29 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Shawn Grant
Signature:
Month 10 Day 29 Year 14
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Land Disposal Restriction Notification Form

Generator name **US EPA REGION VI-CES ENVIRON**

EPA ID number **TXD008950461** Manifest **000832683VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **3H-2103652000-001** (1/ 1)

WIP/Approval Code:	**678291/PTA678291**
Form designation/CWA Status:	**Non-wastewater / Non-CWA**
Waste codes(subcategories):	**D007, D008(NONE), D018, D020, D023, D024, D025, D026, D027, D030, D032, D033, D034, D036**, D038, D042, D043
Constituents (F001-F005):	**None**
UHCs Present:	**None**
Treatment requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	**None**

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [signature] for EA

Title FOSC Date 10/29/14

Land Disposal Restriction Notification Form

Generator name **US EPA REGION VI-CES ENVIRON**

EPA ID number **TXD008950461** Manifest **000832683VES**

This notice is being provided in accordance with 40 CFR 268.7 to inform you that this shipment contains waste restricted from land disposal by the USEPA under the land disposal restriction program. Identified below for each container is the designation of the waste as a wastewater or non-wastewater, the Clean Water Act (CWA) permit status associated with the treatment/disposal facility, applicable waste codes and any corresponding subcategories, list of any F001-F005 solvent constituents that are present in the waste, and any underlying hazardous constituents (UHC) that are present.

Container Number: **3H-2103652000-001** (1/ 1)

WIP/Approval Code:	**678291/PTA678291**
Form designation/CWA Status:	**Non-wastewater / Non-CWA**
Waste codes(subcategories):	**D007, D008(NONE), D018, D020, D023, D024, D025, D026, D027, D030, D032, D033, D034, D036**, D038, D042, D043
Constituents (F001-F005):	**None**
UHCs Present:	**None**
Treatment requirements:	**Restricted waste requires treatment to applicable standards.**
Additional Notices:	**None**

I hearby certify that all information in this and associated land disposal restriction documents is complete and accurate to the best of my knowledge and information.

Signature [illegible] for EPA

Title FOSC Date 10/28/14

VB:281842

TABLE 2

UNIVERSAL TREATMENT STANDARDS - HAZARDOUS CONSTITUENT FORM (40 CFR Section 268.48)

Generator Name US EPA Region VI - CES

Manifest Number _____

Waste Stream Name 678291

Veolia ES Technical Solutions, LLC

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to VES-TS by checking the applicable constituents listed below. You must then complete the VES-TS Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES X NO ☐ If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	I. Organic Constituents			
	2-Acetylaminofluorene	53-96-3	0.059	140
	4-Aminobiphenyl	92-67-1	0.13	NA
✓	Acenaphthene	83-32-9	0.059	3.4
✓	Acenaphthylene	208-96-8	0.059	3.4
	Acetone	67-64-1	0.28	160
	Acetonitrile	75-05-8	5.6	38
	Acetophenone	96-86-2	0.01	9.7
	Acrolein	107-02-8	0.29	NA
	Acrylamide	79-06-1	19	23
	Acrylonitrile	107-13-1	0.24	84
	Aldicarb sulfone [6]	1646-88-4	0.056	0.28
✓	Aldrin	309-00-2	0.021	0.066
✓	alpha-BHC	319-84-6	0.00014	0.066
✓	Aniline	62-53-3	0.81	14
✓	Anthracene	120-12-7	0.059	3.4
	Aramite	140-57-8	0.36	NA
	2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	88-85-7	0.066	2.5
	4-Bromophenyl phenyl ether	101-55-3	0.055	15
	Barban [6]	101-27-9	0.056	1.4
	Bendiocarb [6]	22781-23-3	0.056	1.4
	Benomyl [6]	17804-35-2	0.056	1.4
	Benz(a)anthracene	56-55-3	0.059	3.4
	Benzal chloride	98-87-3	0.055	6
	Benzene	71-43-2	0.14	10
✓	Benzo(a)pyrene	50-32-8	0.061	3.4
✓	Benzo(b)fluoranthene	205-99-2	0.11	6.8
	(difficult to distinguish from benzo(k)fluoranthene)			
✓	Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
✓	Benzo(k)fluoranthene	207-08-9	0.11	6.8
	(difficult to distinguish from benzo(b)fluoranthene)			
✓	beta-BHC	319-85-7	0.00014	0.066
✓	bis(2-Chloroisopropyl)ether	39638-32-9	0.055	7.2
✓	bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
✓	bis-(2-Chloroethoxy)methane	111-91-1	0.036	7.2
✓	bis-(2-Chloroethyl)ether	111-44-4	0.033	6
	Bromodichloromethane	75-27-4	0.35	15
	Bromoform (Tribromomethane)	75-25-2	0.63	15
	Bromomethane/Methyl bromide	74-83-9	0.11	15
✓	Butyl benzyl phthalate	85-68-7	0.017	28
	Butylate [6]	2008-41-5	0.042	1.4
	2-chloro-1,3-butadiene	126-99-8	0.057	0.28
	2-Chloroethyl vinyl ether	110-75-8	0.062	NA
	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
	Carbaryl [6]	63-25-2	0.006	0.14
	Carbenzadim [6]	10605-21-7	0.056	1.4
	Carbofuran [6]	1563-66-2	0.006	0.14
	Carbofuran phenol [6]	1563-38-8	0.056	1.4
✓	Carbon disulfide	75-15-0	3.8	4.8mg/l
	Carbon tetrachloride	56-23-5	0.057	6
	Carbosulfan [6]	55285-14-8	0.028	1.4

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	I. Organic Constituents (Continued)			
✓	Chlordane (alpha and gamma isomers)	57-74-9	0.0033	0.26
	Chlorobenzene	108-90-7	0.057	6
	Chlorobenzilate	510-15-6	0.1	NA
	Chlorodibromomethane	124-48-1	0.057	15
	Chloroethane	75-00-3	0.27	6
	Chloroform	67-66-3	0.046	6
	Chloromethane (Methyl chloride)	74-87-3	0.19	30
✓	Chrysene	218-01-9	0.059	3.4
✓	m-Cresol (difficult to distinguish from p-cresol)	108-39-4	0.77	5.6
	m-Cumenyl methylcarbamate [6]	64-00-6	0.056	1.4
	cis-1,3-Dichloropropylene	10061-01-5	0.036	18
	Cyclohexanone	108-94-1	0.36	0.75 mg/l TCLP
	1,1-Dichloroethane	75-34-3	0.059	6
	1,1-Dichloroethylene	75-35-4	0.025	6
	1,2-Dibromo-3-chloropropane	96-12-8	0.11	15
	1,2-Dichloroethane	107-06-2	0.21	6
	trans-1,2-Dichloroethylene	156-60-5	0.054	30
	1,2-Dichloropropane	78-87-5	0.85	18
	1,2-Diphenylhydrazine	122-66-7	0.087	NA
	trans-1,3-Dichloropropylene	10061-02-6	0.036	18
	1,4-Dinitrobenzene	100-25-4	0.32	2.3
	1,4-Dioxane	123-91-1	12	170
✓	2,4-Dichlorophenol	120-83-2	0.044	14
	2,4-Dimethylaniline (2,4-xylidine)	95-68-1	0.01	0.66
	2,4-Dinitrophenol	51-28-5	0.12	160
	2,4-Dinitrotoluene	121-14-2	0.32	140
	2,6-Dichlorophenol	87-65-0	0.044	14
✓	2,6-Dinitrotoluene	606-20-2	0.55	28
	2-4-D (2,4-Dichlorophenoxyacetic acid)	94-75-7	0.72	10
	2-4-Dimethyl phenol	105-67-9	0.036	14
	4,6-Dinitro-o-cresol	534-52-1	0.28	160
✓	delta-BHC	319-86-8	0.023	0.066
	di-n-butyl phthalate	84-74-2	0.057	28
	Di-n-octyl phthalate	117-84-0	0.017	28
	Di-n-propylnitrosamine	621-64-7	0.4	14
	Dibenz(a,e)pyrene	192-65-4	0.061	NA
	Dibenz(a,h)anthracene	53-70-3	0.055	8.2
	Dibromomethane	74-95-3	0.11	15
	Dichlorodifluoromethane	75-71-8	0.23	7.2
	Dieldrin	60-57-1	0.017	0.13
✓	Diethyl phthalate	84-66-2	0.2	28
✓	Dimethyl phthalate	131-11-3	0.047	28
	Diphenylamine	122-39-4	0.92	13
	(difficult to distinguish from diphenylnitrosamine)			
	Diphenylnitrosamine	86-30-6	0.92	13
	(difficult to distinguish from diphenylamine)			
	Disulfoton	298-04-3	0.017	6.2
	Dithiocarbamates (total) [6]	137-30-4	0.028	28
✓	Endosulfan I	959-98-8	0.023	0.066
✓	Endosulfan II	33213-65-9	0.029	0.13
✓	Endosulfan sulfate	1031-07-8	0.029	0.13
✓	Endrin	72-20-8	0.0028	0.13

VB: 281842

TABLE 2

UNIVERSAL TREATMENT STANDARDS - HAZARDOUS CONSTITUENT FORM (40 CFR Section 268.48)

Generator Name US EPA Region VI - CES

Manifest Number _____

Waste Stream Name 678291

Veolia ES Technical Solutions, LLC

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to VES-TS by checking the applicable constituents listed below. You must then complete the VES-TS Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES X NO ☐ If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	I. Organic Constituents (Continued)			
✓	Endrin aldehyde	7421-93-4	0.025	0.13
	EPTC [6]	759-94-4	0.042	1.4
	Ethyl acetate	141-78-6	0.34	33
✓	Ethyl benzene	100-41-4	0.057	10
	Ethyl cyanide/propanenitrile	107-12-0	0.24	360
	Ethyl ether	60-29-7	0.12	160
	Ethyl methacrylate	97-63-2	0.14	160
	Ethyl Oxide	75-21-8	0.12	NA
	Ethylene dibromide (1,2-Dibromoethane)	106-93-4	0.028	15
	Famphur	52-85-7	0.017	15
✓	Fluoranthene	206-44-0	0.068	3.4
✓	Fluorene	86-73-7	0.059	3.4
	Formetanate hydrochloride [6]	23422-53-9	0.056	1.4
✓	gamma-BHC	58-89-9	0.0017	0.066
✓	Heptachlor	76-44-8	0.0012	0.066
✓	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
✓	Hexachloroethane	67-72-1	0.055	30
	Hexachloropropylene	1888-71-7	0.035	30
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	0.000035	0.0025
	(1,2,3,4,6,7,8-HpCDD)			
	1,2,3,4,6,7,8-Heptachlorodibenzofluran	67562-39-4	0.000035	0.0025
	(1,2,3,4,6,7,8-HpCDF)			
	1,2,3,4,7,8,9-Heptachlorodibenzofluran	55673-89-7	0.000035	0.0025
	(1,2,3,4,7,8,9-HpCDF)			
	HxCDDs (All Hexachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
	HxCDFs (All Hexachlorodibenzofurans)	N/A	0.000063	0.001
✓	Ideno (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	143-50-0	0.0011	0.13
	3-Methylcholanthrene	56-49-5	0.0055	15
	4,4-Methylene bis (2-chloroaniline)	101-14-4	0.5	30
	m-Dichlorobenzene	541-73-1	0.036	6
	Methacrylonitrile	126-98-7	0.24	84
	Methanol	67-56-1	5.6	0.75 mg/l TCLP
	Methiocarb [6]	2032-65-7	0.056	1.4
	Methomyl [6]	16752-77-5	0.028	0.14
✓	Methoxychlor	72-43-5	0.25	0.18
	Methapyrilene	91-80-5	0.081	1.5
	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

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	I. Organic Constituents (Continued)			
	Methyl methansulfonate	66-27-3	0.018	NA
	Methyl parathion	298-00-0	0.014	4.6
	Methylene chloride	75-09-2	0.089	30
	Metolcarb [6]	1129-41-5	0.056	1.4
	Mexacarbate [6]	315-18-4	0.056	1.4
	Molinate [6]	2212-67-1	0.042	1.4
	2-Naphthylamine	91-59-8	0.52	NA
	5-Nitro-o-toluidine	99-55-8	0.32	28
	n-Butyl alcohol	71-36-3	5.6	2.6
	N-Nitroso-di-n-butylamine	924-16-3	0.4	17
✓	N-Nitrosodiethylamine	55-18-5	0.4	28
	N-Nitrosodimethylamine	62-75-9	0.4	2.3
	N-Nitrosomethylethylamine	10595-95-6	0.4	2.3
	N-Nitrosomorpholine	59-89-2	0.4	2.3
	N-Nitrosopiperidine	100-75-4	0.013	35
	N-Nitrosopyrrolidine	930-55-2	0.013	35
✓	Naphthalene	91-20-3	0.059	5.6
	Nitrobenzene	98-95-3	0.068	14
	o,p-DDD	53-19-0	0.023	0.087
	o,p-DDE	3424-82-6	0.031	0.087
	o,p-DDT	789-02-6	0.0039	0.087
	o-Anisidine (2 methoxyaniline)	90-04-0	0.01	0.66
	o-Cresol	95-48-7	0.11	5.6
	o-Dichlorobenzene	95-50-1	0.088	6
	o-Nitroaniline	88-74-4	0.27	14
	o-Nitrophenol	88-75-5	0.028	13
	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	3268-87-9	0.000063	0.005
	1,2,3,4,6,7,8,9-Octachlorodibenzofluran (OCDF)	39001-02-0	0.000063	0.005
	Oxamyl [6]	23135-22-0	0.056	0.28
	p,p-DDD	72-54-8	0.023	0.087
	p,p-DDE	72-55-9	0.031	0.087
	p,p-DDT	50-29-3	0.0039	0.087
✓	p-Chloro-m-cresol	59-50-7	0.018	14
	p-Chloroaniline	106-47-8	0.46	16
	p-Cresidine	120-71-8	0.01	0.66
	p-Cresol (difficult to distinguish from m-cresol)	106-44-5	0.77	5.6
	p-Dichlorobenzene	106-46-7	0.09	6
	p-Dimethylaminoazobenzene	60-11-7	0.13	NA
	p-Nitroaniline	100-01-6	0.028	28
	p-Nitrophenol	100-02-7	0.12	29
	1,3-Phenylenediamine	108-95-2	0.01	0.66
	Parathion	56-38-2	0.014	4.6
	Pebulate [6]	1114-71-2	0.042	1.4
	PeCDDs (All Pentachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
	PeCDFs (All Pentachlorodiebenzofurans)	N/A	0.000035	0.001
	Pentachlorobenzene	608-93-5	0.055	10
	Pentachloroethane	76-01-7	0.055	6

VB: 281842

TABLE 2

UNIVERSAL TREATMENT STANDARDS - HAZARDOUS CONSTITUENT FORM (40 CFR Section 268.48)

Generator Name US EPA Region VI-CES

Manifest Number _____

Waste Stream Name L078291

Veolia ES Technical Solutions, LLC

All characteristic wastes (EPA Codes D001 through D043) must be treated for Underlying Hazardous Constituents. If your waste has any of these codes and contains any of the following constituents you are required by law to represent this fact to VES-TS by checking the applicable constituents listed below. You must then complete the VES-TS Land Disposal Restriction Notification form to specify how your waste must be managed (Sec. 268.7)

Does this waste contain one or more of the constituents listed on pages 1, 2 or 3? YES X NO ☐ If "Yes", check applicable constituents and then sign and date the form. If "No", then sign and date the form.

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	I. Organic Constituents (Continued)			
	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
	Phorate	298-02-2	0.021	4.6
	Phthalic acid	100-21-0	0.055	28
	Phthalic anhydride	85-44-9	0.055	28
	Physostigmine [6]	57-47-6	0.056	1.4
	Physostigmine salicylate [6]	57-64-7	0.056	1.4
	Promecarb [6]	2631-37-0	0.056	1.4
	Pronamide	23950-58-5	0.093	1.5
	Propham [6]	122-42-9	0.056	1.4
	Propoxur [6]	114-26-1	0.056	1.4
	Prosulfocarb [6]	52888-80-9	0.042	1.4
	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
	1,1,1,2-Tetrachloroethane	630-20-6	0.057	6
	1,1,1-Trichloroethane	71-55-6	0.054	6
	1,1,2,2-Tetrachloroethane	79-34-5	0.057	6
	1,1,2-Trichloro-2,2,2-trifluoroethane	76-13-1	0.057	30
	1,1,2-Trichloroethane	79-00-5	0.054	6
	1,2,4,5-Tetrachlorobenzene	95-94-3	0.055	14
✓	1,2,4-Trichlorobenzene	120-82-1	0.055	19
	1,2,3-Trichloropropane	96-18-4	0.85	30
	2,3,4,6-Tetrachlorophenol	58-90-2	0.03	7.4
	2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	93-76-5	0.72	7.9
✓	2,4,5-Trichlorophenol	95-95-4	0.18	7.4
✓	2,4,6-Trichlorophenol	88-06-2	0.035	7.4
	TCDDs (All Tetrachlorodibenzo-p-dioxins)	N/A	0.000063	0.001
	TCDFs (All Tetrachlorodibenzofurans)	N/A	0.000063	0.001
	Tetrachloroethylene	127-18-4	0.056	6
	Thiodicarb [6]	59669-26-0	0.019	1.4
	Thiophanate-methyl [6]	23564-05-8	0.056	1.4
✓	Toluene	108-88-3	0.08	10
	Total PCBs (sum of all PCB isomers, or all Aroclors)	1336-36-3	0.1	10
✓	Toxaphene	8001-35-2	0.0095	2.6
	Triallate [6]	2303-17-8	0.042	1.4
	Trichloroethylene	79-01-6	0.054	6
	Trichloromonofluoromethane	75-69-4	0.02	30
	Triethylamine [6]	121-44-8	0.081	1.5
	tris-(2,3-Dibromopropyl) phosphate	126-72-7	0.11	0.1
	Vernolate [6]	1929-77-7	0.042	1.4
	Vinyl chloride	75-01-4	0.27	6
✓	Xylenes-mixed isomers	1330-20-7	0.32	30
	(sum of o-,m-,and p-xylene concentrations)			

✓	Description	CAS No. [1]	Wastewater mg/l [2]	Non Wastewater mg/kg
	II. Inorganic Constituents			
	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 *	21.0 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
	Cyanides (Amenable) [4]	57-12-5	0.86	30
	Cyanides (Total) [4]	57-12-5	1.2	590
	Fluoride [5]	16984-48-8	35	NA
	Lead	7439-92-1	0.69 *	0.75 mg/l TCLP
	Mercury - All others	7439-97-6	0.15 *	0.025 mg/l TCLP
	Mercury - Retort nonwastewater	7439-97-6	NA *	0.20 mg/l TCLP
	Nickel	7440-02-0	3.98 *	11.0 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
	Sulfide	18496-25-8	14	NA
	Thallium	7440-28-0	1.4 *	0.2 mg/l TCLP
	Vanadium [4]	7440-62-2	4.3 *	1.6 mg/l TCLP
	Zinc [5]	7440-66-6	2.61 *	4.3 mg/l TCLP

[1] CAS: Chemical Abstract Services. When the waste code and/or regulated constituents are described as a combination of a chemical with its salts and/or esters, the CAS number is given for the parent compound only.

[2] Concentration standards for wastewater's are expressed in mg/l and are based on analysis of composite samples

[3] Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, supbart O, or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operataing in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for non-wastewaters are based on analysis of grab samples.

[4] Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.

[5] These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

[6] Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i).

[7] This constituent is not an underlying hazardous constituent as defined at 268.2(i) of this Part because its UTS level is greater than its TC level, thus a treatment selemium waste would always be characteristically hazardous, unless it is treated to below its characteristic level.

[8] This standard is temporarily deferred for soil exhibiting a hazardous characteristic due to D004-D011 only.

[59FR 47982,Sept.19,1994; 60 FR 242,Jan.3,1995; 61 FR 15566,Apr.08,1996; 61 FR]

Generator _____ Date _____