

# **HTRW Center of Expertise Information - TDSF**

US Army Corps of Engineers

**UP** 

## **Commercial Hazardous Waste Landfills**

Previous Section Table of Contents	Next Section
------------------------------------	--------------

#### 2.1 General Discussion

A landfill is defined in 40 CFR 260.10 as "a disposal facility or part of a facility where hazardous waste is placed in or on land and which is not a pile, a land treatment facility, surface impoundment, an underground injection well, a salt dome formation, a salt bed formation, an underground mine, a cave, or a corrective action management unit." Landfill disposal is extensively regulated under the Resource Conservation and Recovery Act (RCRA) because it presents serious environmental risks. The governing regulations for landfills are contained in 40 CFR Parts 260 to 268, with 40 CFR Part 268 identifying hazardous wastes that are restricted from land disposal. A responsible party can be exempted from these restrictions provided an approved petition shows that there will be no migration of the constituents from the disposal zone; an extension to an effective date was received; the waste meets relevant treatment standards; or that the waste is placed in surface impoundment and the requirements of 40 CFR 268.4 are met.

Search
Site Map

Back to:
Home
HQ Environmental
HQ Corps of
Engineers

Two basic types of environmental dangers exist in landfilling. The first is the potential mismanagement of reactive, ignitable, or incompatible wastes. Mismanagement of waste could result in fires, explosions, or the release of toxic fumes. The second risk is that leachate, runoff, or wind erosion from a landfill can cause contamination of the subsoil, groundwater, and surface water.

To prevent sudden releases, ignitable or reactive wastes must be treated before placemen in a landfill to render them no longer ignitable or reactive. Incompatible wastes must not be mixed in the same landfill cell without receiving proper treatment. For nonsudden release prevention (leaching), Subtitle C hazardous waste landfills or units must be constructed with a double liner and include a leachate collection system above and between the liners (40 CFR 264.301 and 265.301).

The placement of bulk or noncontainerized liquid hazardous waste in any landfill is prohibited. Liquid wastes and free liquids could potentially leach into groundwater over time. Additionally, USEPA regulations state that containers holding freestanding liquids may not be placed in landfills because the containers may corrode, with the contents eventually leaching to groundwater. Therefore, to avoid groundwater contamination, landfills may accept only containerized liquids in which the free liquids have been eliminated, removed, or mixed with adsorbents or solidified so that the freestanding liqui is no longer observed. USEPA also allows containers designed to hold liquids for a use other than storage, such as batteries or capacitors, to be landfilled. In addition, containers classified as "lab packs" and very small containers, such as ampules, may be disposed of in a landfill (40 CFR 262.314).

	<u>Previous Section</u>	<u>Table of Contents</u>	Next Section
•			

what's new | organization | information | library collaborations | vision | site map | search



# **HTRW Center of Expertise Information - TDSF**

US Army Corps of Engineers

UP

# **Commercial Hazardous Waste Landfills**

Previous Section	<u>Table of Contents</u>	Next Section

#### 2.3 Commercial Hazardous Waste Landfills

Twenty-one (21) facilities categorized as Subtitle C hazardous waste landfills and holdin identified in preparation of this report. Facilities are recorded on TSDF listings from the Headquarters. Of the twenty-one (21) facilities contacted, twenty-one (21) are currently (C hazardous waste.

Search

Site Map

Back to:
Home
HQ Environmental
HQ Corps of
Engineers

Eight (8) of the twenty-one (21) operating commercial hazardous waste landfills identific permit for disposal of PCB-contaminated materials. These facilities also provide for dest approved PCB destruction facilities.

Figure 2.1 shows the locations of twenty-one (21) commercial hazardous waste landfills. facility of the commercial hazardous waste landfills. Section 2.3.2 is an alphabetical listi (arranged by state) are provided in Section 2.3.3.



Figure 2.1 Map of Commercial Landfill F

#### 2.3.1 Commercial Hazardous Waste Landfills – Alphabetical Listing by Fa



Facility	City/State	TSCA Permit
Chemical Waste Management	Arlington, OR	Yes
Chemical Waste Management	Carlyss, LA	No
Chemical Waste Management	Emelle, AL	Yes
Chemical Waste Management	Fort Wayne, IN	
Chemical Waste Management	Kettleman City, CA	
Chemical Waste Management	Model City, NY	Yes
EnviroSafe Services of Idaho	Grandview, ID	Yes
EnviroSafe Services of Ohio	Oregon, OH	
Laidlaw Environmental Services	Buttonwillow, CA	No
Laidlaw Environmental Services	Deer Park, TX	Yes
Laidlaw Environmental Services	Deer Trail, CO	

Laidlaw Environmental Services	Lake Point, UT	
Laidlaw Environmental Services	Pinewood, SC	No
Laidlaw Environmental Services	Waynoka, OK	
Laidlaw Environmental Services	Westmorland, CA	
MAX Environmental Technologies	Pittsburgh, PA	No
Peoria Disposal	Peoria, IL	No
Texas Ecologists	Robstown, TX	No
U.S. Ecology	Beatty, NV	Yes
Waste Control Specialists	Andrews, TX	Yes
Wayne Disposal, Inc	Belleville, MI	Yes

### 2.3.2 Commercial Hazardous Waste Landfills - Alphabetical Listing by S 1

State	City	Facility	ID. Number	Telephone
Alabama	Emelle	CWM	ALD000622464	(205) 652-8156
California	Kettleman City	CWM	CAT000646117	(209) 386-9711
California	Buttonwillow	Laidlaw	CAD980675276	(805) 762-6200
California	Westmorland	Laidlaw	CAD000633164	(619) 344-9400
Colorado	Deer Trail	Laidlaw	COD991300484	(907) 386-2293
Idaho	Grandview	EnviroSafe	IDD073114654	(208) 384-2275
Illinois	Peoria	Peoria Disposal	ILD000805812	(309) 676-4893
Indiana	Fort Wayne	CWM	IND078911146	(219) 447-5585
Louisiana	Carlyss	CWM	LAD000777201	(318) 583-3771
Michigan	Belleville	Wayne Disposal	MID048090633	(313) 699-6290
Nevada	Beatty	US Ecology	NVT330010000	(702) 553-2203
New York	Model City	CWM	NYD049836679	(716) 754-8231
Ohio	Oregon	EnviroSafe	OHD045243706	(419) 690-3500
Oklahoma	Waynoka	Laidlaw	OKD065438376	(405) 697-3500
Oregon	Arlington	CWM	ORD089452353	(503) 454-2643
Pennsylvania	Pittsburgh	MAX Environmental	PAD004835146	(412) 343-4900
S. Carolina	Pinewood	Laidlaw	SCD070375985	(803) 452-5003
Texas	Deer Park	Laidlaw	TXD055141378	(281) 930-2300
Texas	Robstown	Texas Ecologists	TXD069452340	(512) 387-3518
Texas	Andrews	Waste Control Spec.	TXD988088464	(505) 394-4300
Utah	Lake Point	Laidlaw	UTD991301748	(801) 323-8900

#### 2.3.3 Commercial Hazardous Waste Landfills – Facility Details by State

<u>AL</u>	<u>CA</u>	<u>CO</u>	<u>ID</u>	<u>IL</u>	<u>IN</u>	<u>LA</u>	MI	NV
NY	<u>OH</u>	<u>OK</u>	<u>OR</u>	<u>PA</u>	<u>SC</u>	TX	<u>UT</u>	

#### **ALABAMA**

Chemical Waste Ma	nagement		
EPA ID:	ALD000622464		
Phone:	(205) 652-8156		
Facility Address:	Highway 17 North, Mile Marker 163 Emelle, AL 35459		
Mailing Address:	P.O. Box 55 Emelle, Alabama 35459		
Point of Contact:	Polly Goodwin		
Email Address:	Polly_Goodwin@Waste Management.com		
Web Page Location:	Not Available		
Hazardous Waste Operations:	Solidification/Stabilization Fuel Blending Solvent Recovery Landfill Storage/Handling Fuel Recycling PCB Services Debris Treatment		
Waste Groups Accepted:	Acidic/Corrosives Metals Cyanides Solvents PCBs Halogenated Organics Mercury		

#### **CALIFORNIA**

Chemical Wa	aste Management				
		Laidlaw Environ	mental Services		
		EPA ID:	CAD980675276		
EPA ID:	CAT000646117	Phone:	(805) 762-6200		
Phone:	(209) 386-9711	Facility Address:	Lokern Valley Facility Buttonwillow, CA		
Facility Address:	Highway 17 North, Milemarker 163 Kettleman City, CA 93239	Mailing Address:	P.O. Box 158 Westmoreland, CA 92281		
Mailing Address:	P.O. Box 471 Kettleman City, CA 93239	Point of Contact:	Marianna Bouni		
Point of Contact:	Bob Henry	Email Address:	Mbouni@lescorp.com		

Email Address:	Not Available	Web Page Location:	Not Available
Web Page Location:	Not Available	Hazardous Waste Operations:	Solidification/Stabilization Physical Treatment Chemical Treatment Landfill Neutralization Transportation Services
Hazardous Waste Operations:	Solidification/Stabilization Fuel Blending Chemical Oxidation Chemical Precipitation Neutralization Cyanide Destruction Landfill PCB Services	Waste Groups Not Accepted:	Radioactive materials Infectious materials Forbidden explosives Compressed gases Municipal garbage/refuse
Waste Groups Accepted: Accepted:  Metals Cyanides Solvents PCBs Halogenated Organics			
Laidlaw Enviror	mental Services		
EPA ID:	CAD000633164		
<b>Phone:</b> (619) 344-9400			
Facility Address:			
Mailing Address:	P.O. Box 158 Westmorland, CA 92281		
Point of Contact:	Juan Ramirez		
Email Address:	Not Available		
Web Page Location:	Not Available		
Hazardous Waste Operations:	Solidification/Stabilization Physical Treatment Chemical Treatment Landfill Neutralization Transportation Services		
Waste Groups Not Accepted:	Radioactive materials Infectious materials Forbidden explosives Compressed gases Municipal garbage/refuse		

#### COLORADO

Laidlaw Environmental Services	
EPA ID:	COD991300484

Phone:	(907) 386-2293		
Facility Address:	108555 East Highway 36,		
	HCR-1		
	Deer Trail, CO 80105		
Mailing Address:	5299 DTC Boulevard, Suite		
	1100		
	Englewood, CO 80111		
Point of Contact:	Bill Shortreed		
Email Address:	Not Available		
Web Page	Not Available		
Location:			
Hazardous Waste	Solidification/Stabilization		
Operations:	Physical/Chemical Treatment		
	Landfill		
	Solvent Collection/Blending		
	Microencapsulation		
	Macroencapsulation		
	Contracted Transportation		
Waste Groups <u>Not</u>	Radioactive Waste		
Accepted:	Compressed Gases		
	Reactive Waste		
	Explosives		
	PCBs > 50 ppm		
	Dioxin > 1 part per billion		
	Infectious Waste		

#### **IDAHO**

US Ecology		
EPA ID:	IDD073114654	
Phone:	(208) 384-2275	
Facility Address:	Highway 78 (10 miles NW of Grand View) Missile Base Road Grandview, ID 83624	
Mailing Address:	P.O. Box 400 Grand View, ID 83624	
Point of Contact:	Julie Lindquist	
Email Address:	jlindqu@americanecology.co m	
Web Page Location:	www.americanecology.com	
Hazardous Waste Operations:	Solidification/Stabilization Storage PCB Services Landfill	
Waste Groups Accepted:	Acidic/Corrosives Metals Cyanides Solvents PCBs	

#### ILLINOIS

Peoria Disposal Company (PDC)		
EPA ID:	ILD000805812	
Phone:	(309) 676-4893	
Facility Address:	4349 Southport Road Peoria, IL 61615	
Mailing Address:	4700 North Sterling Avenue Peoria, IL 61615	
Point of Contact:	Ron Edwards	
Email Address:	Not Available	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Stabilization Landfill Remediation Wastewater Treatment Recycling Transportation	
Waste Groups Accepted:	Municipal Solid Waste Special Waste Any waste approved by committee	

#### INDIANA

Chemical Waste Management		
EPA ID:	IND078911146	
Phone:	(219) 447-5585	
Facility Address:	4636 Adams Center Road Fort Wayne, IN 46806	
Mailing Address:	Same as above	
Point of Contact:	Becky Eatmon	
Email Address:	Not Available	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Solidification/Stabilization Chemical Fixation Microencapsulation Landfill	
Waste Groups Accepted:	Acidic/Corrosives Cyanides Metals Solvents Halogenated Organics	

#### LOUISIANA

Chemical Waste Management	

EPA ID:	LAD000777201	
Phone:	(318) 583-3771	
Facility Address:	7170 John Brannon Road Carlyss, LA 70665	
Mailing Address:	Same as above	
Point of Contact:	Trudy Glackin	
Email Address:	Tglackin@wmx.com	
Web Page Location:	www.wmx.com	
Hazardous Waste Operations:	Chemical Separation/Treatment Neutralization Chemical Oxidation Stabilization Organics Separation Landfill Fuel Blending Transportation	
Waste Groups <u>Not</u> Accepted:	Confined Gases Explosives Radioactive Materials Biological Warfare Agents Infectious Wastes PCBs Oxidizing or Reducing Agents Dioxins	

#### MICHIGAN

Wayne Disposal		
EPA ID:	MID048090633	
Phone:	(313) 699-6290	
Facility Address:	49350 North I-94 Service Drive Belleville, MI 48111	
Mailing Address:	1349 South Huron Street P.O. Box 970320 Ypsilanti, MI 48197	
Point of Contact:	Jeff Marvin	
Email Address:	jmarvin@eqonline.com	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Solidification/Stabilization Landfill Transportation	
Waste Groups Accepted:	Acidic/Corrosives Metals Solvents Halogenated Organics	

#### **NEVADA**

U.S. Ecology	S. Ecology	
EPA ID:	NVT330010000	
Phone:	(702) 553-2203	
Facility Address:	Highway 95, 12 miles S. of Beatty Beatty, NV 89003	
Mailing Address:	P.O. Box 578 Beatty, NV 89003	
Point of Contact:	Tracy Smith	
Email Address:	tsmith@americanecology.co m	
Web Page Location:	www.americanecology.com	
Hazardous Waste Operations:	Solidification/Stabilization PCB Services Landfill	
Waste Groups Accepted:	Wastes Exhibiting  Ignitability Corrosivity Reactivity Toxicity  (some exceptions)	

#### **NEW YORK**

Chemical Waste Management		
EPA ID:	NYD049836679	
Phone:	(716) 754-8231	
Facility Address:	1550 Balmer Road Model City, NY 14107	
Mailing Address:	Same as above	
Point of Contact:	Steve Heindl	
Email Address:	cwmcs@fcs-net.com	
Web Page Location:	www.wmx.com/cwmmd	
Hazardous Waste Operations:	Fuel Blending Recycling Chemical Oxidation/Precipitation Aqueous Treatment Neutralization Stabilization Landfill PCB Services Transportation	
Waste Groups Accepted:	Acidic/Corrosives Metals	

Solvents
PCBs
Halogenated Organics

#### OHIO

Envirosafe Services, Inc.		
EPA ID:	OHD045243706	
Phone:	(419) 690-3500	
Facility Address:	Cedar Point & Wynn Roads Oregon, OH 43616	
Mailing Address:	876 Otter Creek Road Oregon, OH 43616	
Point of Contact:	Greg Ballmer	
Email Address:	Not Available	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Solidification/Stabilization Landfill Transportation	
Waste Groups Accepted:	Acceptance subject to Waste Product Review Program	

#### OKLAHOMA

Laidlaw Environmental Services		
EPA ID:	OKD065438376	
Phone:	(405) 697-3500	
Facility Address:	Route 2, Box 170 Waynoka, OK 73860-9622	
Mailing Address:	Same as above	
Point of Contact:	Jay Adair	
Email Address:	Not Available	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Wastewater Treatment Solvent Recovery Stabilization Solidification Landfill	
Waste Groups Accepted:	Ignitables Corrosives Toxics Most listed wastes	

OREGON		

Chemical Waste Management		
EPA ID:	ORD089452353	
Phone:	(503) 454-2643	
Facility Address:	17629 Cedar Springs Road Arlington, OR 97812	
Mailing Address:	Same as above	
Point of Contact:	Steve Seed	
Email Address:	Not Available	
Web Page	Not Available	
Location:	<u> </u>	
Hazardous Waste	Solidification/Stabilization	
Operations:	Neutralization	
	Volume Reduction	
	Landfill	
	PCB Services	
Waste Groups	Acidic/Corrosives	
Accepted:	Metals	
	Solvents	
	PCBs	
	Halogenated Organics	

#### PENNSYLVANIA

MAX Environmental Technologies		
EPA ID:	PAD004835146	
Phone:	(412) 343-4900	
Facility Address:	1815 Washington Road Pittsburgh, PA 15241	
Mailing Address:	Same as above	
Point of Contact:	Harry Fleming or Michele Begly	
Email Address:	max@maxnet.city- net.co m	
Web Page Location:	www.city-net.com/~max net	
Hazardous Waste Operations:	Solidification/Stabilization Neutralization Volume Reduction Landfill Oxidation/Reduction	
Waste Groups Accepted:	Acidic/Corrosives Metals	

#### SOUTH CAROLINA

Laidlaw Environmental Services		
EPA ID:	SCD070375985	
Phone:	(803) 452-5003	
Facility Address:	Route 1, Box 255	

	Pinewood, SC 29125
Mailing Address:	Same as above
Point of Contact:	Paul Andrews
Email Address:	Pandrews@LESCorp.co m
Web Page Location:	Not Available
Hazardous Waste Operations:	Solidification/Stabilization Landfill
Waste Groups Accepted:	Acidic/Corrosives Metals Solvents Halogenated Organics

#### TEXAS

mental Services		
	Texas Ecologists	
	EPA ID:	TXD069452340
TXD055141378	Phone:	(512) 387-3518
(281) 930-2300	Facility Address:	Petronila Road 3.5 miles S. of Robstown Robstown, TX 78380
2027 Battleground Rd. P.O. Box 609 Deer Park, TX 77536	Mailing Address:	P.O. Box 307 Robstown, TX 78380
Same as above	Point of Contact:	Donna Howard
Roger Fox	Email Address:	dhoward@americanecology.com
Not Available	Web Page Location:	www.americanecology.com
Not Available	Hazardous Waste Operations:	Waste Treatment Landfill Transportation
Landfilling Incineration Solidification/Stabilization	Waste Groups Accepted:	Acidic/Corrosives MetaCyanidesl Solvents Halogenated Organics
Acidic/Corrosives MetalSolventss PCBs Halogenated Organics		
<u>pecialists</u>		
TXD988088464		
(505) 394-4300		
9998 Highway 136 West Andrews, TX 79714		
1710 West Broadway Andrews, TX 79714		
	TXD055141378  (281) 930-2300  2027 Battleground Rd. P.O. Box 609 Deer Park, TX 77536  Same as above  Roger Fox  Not Available  Not Available  Landfilling Incineration Solidification/Stabilization  Acidic/Corrosives MetalSolventss PCBs Halogenated Organics  pecialists  TXD988088464  (505) 394-4300  9998 Highway 136 West Andrews, TX 79714  1710 West Broadway	Texas Ecologists  EPA ID:  TXD055141378  Phone:  [281) 930-2300  Facility Address:  2027 Battleground Rd. P.O. Box 609 Deer Park, TX 77536  Same as above  Point of Contact:  Roger Fox  Email Address:  Not Available  Web Page Location:  Not Available  Hazardous Waste Operations:  Landfilling Incineration Solidification/Stabilization  Acidic/Corrosives MetalSolventss PCBs Halogenated Organics  pecialists  TXD988088464  [505) 394-4300  9998 Highway 136 West Andrews, TX 79714  1710 West Broadway

Point of Contact:	Ken Jackson	
Email Address:	Wcs@phoenix.com	
Web Page Location:	www.envirobiz.com	
Hazardous Waste Operations:	Landfill Neutralization Solidification/Stabilization	
Waste Groups Accepted:	Acidic/Corrosives Metal Cyanides PCBs Dioxins Reactives Solvents Halogenated Organics	

#### **UTAH**

Laidlaw Environme	ental Services	
EPA ID:	UTD991301748	
Phone:	(801) 323-8900	
Facility Address:	8960 North Highway 40 Lake Point, UT 84074	
Mailing Address:	P.O. Box 22750 Salt Lake City, UT 84122- 9998	
Point of Contact:	Steve Mack	
Email Address:	Not Available	
Web Page Location:	Not Available	
Hazardous Waste Operations:	Wastewater Treatment Solvent Recovery Solidification/Stabilization Neutralization Fuel Blending PCB Service Oxidizer Deactivation Landfill Transportation	
Waste Groups Accepted:	Ignitables Corrosives Cyanide Toxics PCBs Halogenated Organics	

Previous Section	Table of Contents	Next Section
------------------	-------------------	--------------

what's new | organization | information | library collaborations | vision | site map | search



## **HTRW Center of Expertise Information - TDSF**

US Army Corps of Engineers

**UP** 

# **Commercial Hazardous Waste Landfills**

Previous Section	<u>Table of Contents</u>	Next Section
------------------	--------------------------	--------------

#### 2.4 References

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Search

Site Map

Back to:
Home
HQ Environmental
HQ Corps of
Engineers

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what's new | organization | information | library collaborations | vision | site map | search