

US EPA ARCHIVE DOCUMENT

**Title 33
ENVIRONMENTAL QUALITY**

**Part V. Hazardous Waste and Hazardous Materials
Subpart 1. Department of Environmental Quality—Hazardous Waste**

Chapter 1. General Provisions and Definitions

§105. Program Scope

These rules and regulations apply to owners and operators of all facilities that generate, transport, treat, store, or dispose of hazardous waste, except as specifically provided otherwise herein. The procedures of these regulations also apply to the denial of a permit for the active life of a hazardous waste management facility or TSD unit under LAC 33:V.706. Definitions appropriate to these rules and regulations, including *solid waste* and *hazardous waste*, appear in LAC 33:V.109. ~~Those w~~Wastes that are excluded from regulation are found in this Section.

A. – D.2.g.iii. ...

iv. sewer screenings generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearling;

g.v. – o. ...

p. leachate or gas condensate collected from landfills where certain solid wastes have been disposed, provided that:

i. the solid wastes disposed would meet one or more of the listing descriptions for Hazardous Waste Codes K169, K170, K171, K172, K174, K175, K176, K177, ~~and K178~~, and K181 if these wastes had been generated after the effective date of the listing;

ii. – iv. ...

v. as of February 13, 2001, the leachate or gas condensate derived from K169-K172 is no longer exempt if it is stored or managed in a surface impoundment prior to discharge. After November 21, 2003, leachate or gas condensate derived from K176, K177, and K178 will no longer be exempt if it is stored or managed in a surface impoundment prior to discharge. After February 26, 2007, leachate or gas condensate derived from K181 will no longer be exempt if it is stored or managed in a surface impoundment prior to discharge. There is one exception: if the surface impoundment is used to temporarily store leachate or gas condensate in response to an emergency situation (e.g., shutdown of wastewater treatment system), provided the impoundment has a double liner, and provided the leachate or gas condensate is removed from the impoundment and continues to be managed in compliance with the conditions of this Clause after the emergency ends.

D.3. – O.2.c.vi. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 11:1139 (December 1985), LR 12:319 (May 1986), LR 13:84 (February 1987), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 14:790 (November 1988), LR 15:181 (March 1989), LR 16:47 (January 1990), LR 16:217, LR 16:220

(March 1990), LR 16:398 (May 1990), LR 16:614 (July 1990), LR 17:362, 368 (April 1991), LR 17:478 (May 1991), LR 17:883 (September 1991), LR 18:723 (July 1992), LR 18:1256 (November 1992), LR 18:1375 (December 1992), amended by the Office of the Secretary, LR 19:1022 (August 1993), amended by the Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:813, 831 (September 1996), amended by the Office of the Secretary, LR 23:298 (March 1997), amended by the Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 23:564, 567 (May 1997), LR 23:721 (June 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:952 (August 1997), LR 23:1511 (November 1997), LR 24:298 (February 1998), LR 24:655 (April 1998), LR 24:1093 (June 1998), LR 24:1687, 1759 (September 1998), LR 25:431 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:268 (February 2000), LR 26:2464 (November 2000), LR 27:291 (March 2001), LR 27:706 (May 2001), LR 29:317 (March 2003), LR 30:1680 (August 2004), amended by the Office of Environmental Assessment, LR 30:2463 (November 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2451 (October 2005), LR 32:605 (April 2006), LR 32:**.

§109. Definitions

For all purposes of these rules and regulations, the terms defined in this Chapter shall have the following meanings, unless the context of use clearly indicates otherwise.

Aboveground Tank—a device meeting the definition of *tank* in ~~LAC 33:V.1109~~ this Section and that is situated in such a way that the entire surface area of the tank is completely above the plane of the adjacent surrounding surface and the entire surface area of the tank (including the tank bottom) is able to be visually inspected.

* * *

Designated Facility—

1. A designated facility is a hazardous waste treatment, storage, or disposal facility that:

1a. has received a permit (or interim status) in accordance with the requirements of LAC 33:V.Chapters 1, 3, 5, 7, 27, 31, and 43;

2b. has received a permit (or interim status) from a state authorized in accordance with 40 CFR 271; or

3c. is regulated under the applicable Sections of 40 CFR 266, LAC 33:V.Chapter 41, or equivalent regulation of other states; and

4d. ~~that~~ has been designated on the manifest by the generator ~~pursuant to~~ in accordance with LAC 33:V.105.H.

2. Designated facility also means a generator site designated on the manifest to receive its waste as a return shipment from a facility that has rejected the waste in accordance with LAC 33:V.1516.C.

3. ~~[NOTE: If a waste is destined for a facility in an authorized state that has not yet obtained authorization to regulate that particular waste as hazardous, then the designated facility must be a facility allowed by the receiving state to accept such waste.]~~

* * *

Empty Container—

1.a. - 2.a.i.(b). ...

ii.(a). no more than 3 percent by weight of the total capacity of

the container remains in the container or inner liner if the container is less than or equal to 1190 gallons in size; or

(b). no more than 0.3 percent by weight of the total capacity of the container remains in the container or inner liner if the container is greater than 1190 gallons in size;

2.b. - 2.c.iii. ...

* * *

~~Manifest—the form used for identifying the quantity, description, and the origin, transporter and destination of hazardous waste during its transportation from the point of generation to the point of off-site disposal, treatment or storage.~~ the shipping document EPA Form 8700-22 (including, if necessary, EPA Form 8700-22A), originated and signed by the generator or offeror in accordance with the instructions in the Appendix to 40 CFR Part 262 and the applicable requirements of 40 CFR Parts 262 – 265.

~~Manifest Document Number—repealed the serially increasing number assigned to the manifest by the generator for recording and reporting purposes.~~

Manifest Tracking Number—the alphanumeric identification number that is pre-printed in Item 4 of the manifest.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 11:1139 (December 1985), LR 12:319 (May 1986), LR 13:84 (February 1987), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 14:790, 791 (November 1988), LR 15:378 (May 1989), LR 15:737 (September 1989), LR 16:218, 220 (March 1990), LR 16:399 (May 1990), LR 16:614 (July 1990), LR 16:683 (August 1990), LR 17:362 (April 1991), LR 17:478 (May 1991), LR 18:723 (July 1992), LR 18:1375 (December 1992), repromulgated by the Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 19:626 (May 1993), amended LR 20:1000 (September 1994), LR 20:1109 (October 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:814 (September 1996), LR 23:564 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:655 (April 1998), LR 24:1101 (June 1998), LR 24:1688 (September 1998), LR 25:433 (March 1999), repromulgated LR 25:853 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:269 (February 2000), LR 26:2465 (November 2000), LR 27:291 (March 2001), LR 27:708 (May 2001), LR 28:999 (May 2002), LR 28:1191 (June 2002), LR 29:318 (March 2003); amended by the Office of the Secretary, Legal Affairs Division, LR 31:2452 (October 2005), LR 31:3116 (December 2005), LR 32:606 (April 2006), LR 32:**.

Chapter 9. Manifest System for TSD Facilities-Repealed

(Editor's Note: Chapter 9 is hereby repealed as of May 20, 2006. §901 moved to §1516.A; §905 moved to §1516.B; §907 moved to §1516.C; §909 moved to §1516.D; §911 requirements exist in Chapter 11; §921 requirements exist in Chapter 11; and §923 moved to §1107.E.)

Chapter 11. Generators

Subchapter A. General

§1101. Applicability

A. A generator who treats, stores, or disposes of hazardous waste on-site is not required to comply with the requirements of this Chapter except for the following with respect to that waste: LAC 33:V.1101.C, 1103, 1105, 1109.E, 1111.A.3 and 4, 1111.D, ~~1115, 1117, 1119~~ and 1121.

B. – I. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 16:398 (May 1990), LR 18:1256 (November 1992), LR 20:1000 (September 1994), LR 22:20 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:660 (April 1998), LR 24:1106 (June 1998), LR 24:1693 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:709 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1107. The Manifest System

A. General Requirements. The revised manifest form and procedures in 40 CFR Part 262 and the Appendix to Part 262 shall be effective as of September 5, 2006. As of September 5, 2006, Uniform Hazardous Waste Manifest forms must be obtained only from EPA-registered and approved sources as identified by the Manifest Registry. Contact the Office of Environmental Services, Environmental Assistance Division, or access the U.S. Environmental Protection Agency's website to obtain information on EPA-registered and approved sources.

1. A generator who transports, or offers for transportation, hazardous waste for off-site treatment, storage, or disposal, or a treatment, storage, and disposal facility that offers for transport a rejected hazardous waste load, shall must prepare a manifest (OMB Control number 2050-0039) on EPA Form 8700-22 and, if necessary, EPA Form 8700-22A, according to the instructions included in the Appendix to 40 CFR Part 262 before transporting the waste off-site, with the exclusions of generators exempt pursuant to provisions of LAC 33:V.105.D.

2. A generator ~~must~~shall designate on the manifest one facility ~~which~~that is permitted to handle the waste described on the manifest. A generator may also designate on the manifest one alternate facility that is permitted to handle the waste in the event an emergency prevents delivery of the waste to the primary designated facility.

3. If the transporter is unable to deliver the hazardous waste to the designated facility or the alternate facility, the generator ~~shall~~must either designate another facility or instruct the transporter to return the waste.

A.4. – D.6. ...

E. Special Manifest Provisions

1. Scope. These provisions will apply to material in containers meeting the provisions of lab packs except that the outer container, excluding overpacking, shall not exceed 5 gallons (20 liters) in total liquid capacity prior to addition of the absorbent. The container and overpacking shall comply with applicable requirements of the Louisiana Department of Public Safety and Corrections or its successor agency. Except as otherwise provided herein, the requirements of LAC 33:V.2519 shall be met.

2. Reporting and Recordkeeping. Both the generator and disposer shall maintain copies of the manifests and other records as required elsewhere in LAC 33:V.Subpart 1. The generator and disposer shall include all such wastes in the annual report as provided in LAC 33:V.1111.B.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 12:319 (May 1986), LR 16:220 (March 1990), LR 17:362 (April 1991), LR 17:478 (May 1991), LR 18:1256 (November 1992), LR 20:1109 (October 1994), LR 21:266, 267 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1693 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2470 (November 2000), LR 27:42 (January 2001), LR 27:709 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1108. Manifest System ~~Emergency Response Information~~ Tracking Numbers, Manifest Printing, and Obtaining Manifests

~~A. Generators must provide a Chem Card or similar emergency card, or a statement concerning the hazardous nature of the material and general guidelines for an emergency situation involving this hazardous waste to accompany the manifest on shipments and loads.~~

~~B. The generator will supply the railroad company with the necessary emergency response information and the manifest document number, which are to be included on the waybill.~~

A. 40 CFR 262.21 and the associated appendix, July 1, 2005, are hereby incorporated by reference. 40 CFR 262.21 establishes standards and procedures for registrants who apply early to, and obtain approval from, the Director, Office of Solid Waste, US EPA, to print and distribute hazardous waste manifest forms.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 18:1256 (November 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1109. Pre-Transport Requirements

A. – B. ...

C. Marking. Before transporting hazardous waste or offering hazardous waste for transportation off-site, a generator must mark each container of 1109 gallons or less used in such transportation with the following words and information displayed in accordance with the Department of Public Safety regulations (see Department of Public Safety regulation LAC 33:V.Subpart 2.Chapter 105).

Hazardous Waste: Federal and state law prohibits improper disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency.

Generator's Name and Address _____

Generator's EPA ID/Manifest Document Number _____

Manifest Tracking Number _____

D. Placarding. Before transporting hazardous waste or offering hazardous waste for transportation off-site, a generator must placard or offer the initial transporter the appropriate placards according to Department of Public Safety regulations for hazardous materials under LAC 33:V.Subpart 2.Chapter 105. If placards are not required, a generator must mark each motor vehicle according to 49 CFR 171.3(b)(1).

E. – E.1.d. ...

e. the generator complies with the requirements for owners or operators in LAC 33:V.2245-E, 4319, and in Chapter 43.Subchapters B and C.

2. ...

3. Reserved. Generators who accumulate hazardous waste for less than 90 days are subject to the requirements of LAC 33:V.1115, 1117, 1119, and 2245 of these regulations.

4. – 12. ...

13. A generator who sends a shipment of hazardous waste to a designated facility with the understanding that the designated facility can accept and manage the waste, and who later receives that shipment back as a rejected load or residue, may accumulate the returned waste on-site depending on the amount of hazardous waste on-site in that calendar month. Upon receipt of the returned shipment, the generator shall:

a. sign Item 18c of the manifest, if the transporter returned the shipment using the original manifest; or

b. sign Item 20 of the manifest, if the transporter returned the shipment using a new manifest.

F. Waste Minimization Certification. A generator who initiates a shipment of hazardous waste must certify to one of the following statements in Item 15 of the Uniform Hazardous Waste Manifest.

1. "I am a large quantity generator. I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currently available to me that minimizes the present and future threat to human health and the environment."

2. "I am a small quantity generator. I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 13:433 (August 1987), LR 16:47 (January 1990), LR 16:220 (March 1990), LR 16:1057 (December 1990), LR 17:658 (July 1991), LR 18:1256 (November 1992), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 20:1109

(October 1994), LR 21:266 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1693 (September 1998), LR 25:437 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1466 (August 1999), LR 26:277 (February 2000), LR 26:2470 (November 2000), LR 27:293 (March 2001), LR 27:709, 716 (May 2001), LR 27:1014 (July 2001), LR 30:1673 (August 2004), amended by the Office of Environmental Assessment, LR 31:1571 (July 2005); amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1113. Exports of Hazardous Waste

A. – E.2.

3. ~~In Special Handling Instructions and Additional Information~~the International Shipments block, the primary exporter ~~shall~~must identify the point of departure~~check the export box and enter the point of exit (city and state) from the United States.~~

4. ...

5. ~~In lieu of the requirements of LAC 33:V.1107.A.6, t~~The primary exporter must~~shall~~ obtain the manifest form from ~~the Office of Environmental Services, Environmental Assistance Division~~any source that is registered with the US EPA as a supplier of manifests.

E.6. – I.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 16:220 (March 1990), LR 18:1256 (November 1992), LR 20:1000 (September 1994), LR 20:1109 (October 1994), LR 21:944 (September 1995), LR 22:20 (January 1996), amended by the Office of the Secretary, LR 22:344 (May 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:661 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2471 (November 2000), LR 27:710 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1119. Personnel Training

Repealed.

A. ~~All generators shall institute a personnel training program as specified in LAC 33:V.1515. The training program should cover all portions of the facility that handle hazardous wastes.~~

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, LR 10:200 (March 1984), repealed by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1123. Imports of Foreign Hazardous Waste

A. – B.4. ...

C. A person who imports hazardous waste ~~from a foreign country into the state of Louisiana~~must~~shall~~ obtain a manifest form from ~~the administrative authority~~any source that is

~~registered with the US EPA as a supplier of manifests. The hazardous waste shipment must be accompanied by the manifest from its point of arrival in the United States to its final disposition in the state of Louisiana.~~

1. In the International Shipments block, the importer shall check the import box and enter the point of entry (city and state) into the United States.

2. The importer shall provide the transporter with an additional copy of the manifest to be submitted by the receiving facility to the US EPA.

D. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 22:20 (January 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2471 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 13. Transporters

§1301. Applicability

A. The revised manifest form and procedures in 40 CFR Part 262 and the Appendix to Part 262 shall be effective as of September 5, 2006. LAC 33:V. Chapter 13 This Chapter establishes standards ~~which~~that apply to persons transporting hazardous waste within the state of Louisiana if the transportation requires a manifest under LAC 33:V. ~~Chapter 9~~Chapter 13.

B. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:666 (April 1998), LR 24:1694 (September 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§1307. The Manifest System

A. A transporter may not accept hazardous waste from a generator or another transporter unless it is accompanied by a manifest, signed by the generator in accordance with the provisions of LAC 33:V.1107. The transportation of any hazardous wastes without a manifest shall be deemed a violation of these regulations and the Act. In the case of exports other than those subject to LAC 33:V.1125 ~~Chapter 11~~ Subchapter B, a transporter may not accept such waste from a primary exporter or other person:

1. if he knows the shipment does not conform to the EPA Acknowledgment of Consent; and
2. unless, in addition to a manifest signed by the generator ~~in accordance with~~

~~LAC 33:V.1107~~, such waste is also accompanied by an EPA Acknowledgment of Consent ~~that which, except for shipment by rail, is attached to the manifest (or shipping paper for exports by water [bulk shipment]).~~ For exports of hazardous waste subject to the requirements of LAC 33:V.1125 ~~Chapter 11. Subchapter B~~, a transporter may not accept hazardous waste without a tracking document that includes all information required by LAC 33:V.1127.D.

B. – G. ...

1. ~~indicate on the manifest the date the hazardous waste left the United States~~ sign and date the manifest in the International Shipments block to indicate the date that the shipment left the United States;

2. ~~sign the manifest and~~ retain one copy in accordance with LAC 33:V.1311.D;

G.3. – H.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 16:220 (March 1990), LR 18:1256 (November 1992), LR 20:1109 (October 1994), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:666 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:710 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:*.

§1309. Compliance with the Manifest

A. – A.4. ...

[NOTE: No person may deliver a hazardous waste to a place other than the permitted facility shown on the manifest.]

B. If the hazardous waste cannot be delivered in accordance with ~~LAC 33:V.1309~~, Subsection A of this Section, the transporter ~~must~~shall contact the generator for further directions and ~~must~~shall revise the manifest according to the generator's instructions. If the hazardous waste is rejected by the designated facility while the transporter is on the facility's premises, then the transporter must obtain the following:

1. for a partial load rejection or for regulated quantities of container residues, a copy of the original manifest that includes the date and the facility's signature, the manifest tracking number of the new manifest that will accompany the shipment, and a description of the partial rejection or container residue in the Discrepancy block of the original manifest. The transporter shall retain a copy of this manifest and give remaining copies of the original to the rejecting facility. If the transporter is forwarding the rejected part of the shipment or a regulated container residue to an alternate facility or returning it to the generator, the transporter shall obtain a new manifest to accompany the shipment, and the new manifest must include all of the required information;

2. for a full load rejection that will be taken back by the transporter, a copy of the original manifest which includes the date and the rejecting facility's signature and that attests to the rejection, the description of the rejection in the Discrepancy block, and the name,

address, phone number, and ID number for the alternate facility to which the shipment must be delivered. The transporter shall retain a copy of the manifest and give a copy to the rejecting facility. If the original manifest is not used, the transporter must obtain a new manifest for shipment.

C. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2472 (November 2000), LR 27:44 (January 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 15. Treatment, Storage, and Disposal Facilities

§1516. Manifest System for Treatment, Storage, and Disposal (TSD) Facilities

A. Applicability

1. The regulations in this Section apply to owners and operators of both on-site and off-site TSD facilities, except as LAC 33:V.1501 provides. Subsections B, C, and D of this Section do not apply to owners and operators that do not receive any hazardous waste from off-site sources, or to off-site facilities with respect to military munitions exempt from requirements. Paragraph C.3 of this Section only applies to permittees who treat, store, or dispose of hazardous wastes on-site where such wastes were generated.

2. The revised manifest form and procedures in 40 CFR Part 262 and the Appendix to Part 262 shall be effective as of September 5, 2006. As of September 5, 2006, Uniform Hazardous Waste Manifest forms must be obtained only from EPA-registered and approved sources as identified by the Manifest Registry. Contact the Office of Environmental Services, Environmental Assistance Division, or access the U.S. Environmental Protection Agency's website to obtain information on EPA-registered and approved sources.

B. Use of the Manifest System

1. If a facility receives a hazardous waste accompanied by a manifest, the owner or operator, or his or her agent, shall:

a. sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received, the waste was received except as noted in the Discrepancy block, or the waste was rejected;

b. note any significant discrepancies in the manifest (as defined in Paragraph C.1 of this Section) on each copy of the manifest. The administrative authority does not intend that the owner or operator of a facility whose procedures under LAC 33:V.1519.C include waste analysis must perform that analysis before signing the manifest and giving it to the transporter. Paragraph C.3 of this Section, however, requires reporting an unreconciled discrepancy discovered during later analysis;

c. immediately give the transporter at least one copy of the signed manifest;

d. within 30 working days after the delivery, send a signed copy of the manifest to the generator; and

e. retain at the facility a copy of each manifest for at least three years from the date of delivery.

2. If a facility receives, from a rail or water (bulk shipment) transporter, hazardous waste that is accompanied by a shipping paper containing all the information required on the manifest (excluding the EPA identification numbers, generator's certification, and signatures), the owner or operator, or his agent, shall:

a. sign and date each copy of the manifest, or the shipping paper if the manifest has not been received, to certify that the hazardous waste covered by the manifest or shipping paper was received;

b. note any significant discrepancies (as defined in Paragraph C.1 of this Section) in the manifest, or the shipping paper if the manifest has not been received, on each copy of the manifest or shipping paper. The administrative authority does not intend that the owner or operator of a facility whose procedures under LAC 33:V.1519.C include waste analysis must perform that analysis before signing the shipping paper and giving it to the transporter. Paragraph C.3 of this Section, however, requires reporting an unreconciled discrepancy discovered during later analysis;

c. immediately give the rail or water (bulk shipment) transporter at least one copy of the manifest, or the shipping paper if the manifest has not been received;

d. within 30 days after the delivery, send a copy of the signed and dated manifest to the generator; however, if the manifest has not been received within 30 days after delivery, the owner or operator, or his agent, must send a copy of the shipping paper, signed and dated, to the generator. LAC 33:V.1107.D.3 requires the generator to send three copies of the manifest to the facility when hazardous waste is sent by water (bulk shipment); and

e. retain at the facility a copy of the manifest, and the shipping paper if signed in lieu of the manifest at the time of delivery, for at least three years from the date of delivery.

3. Whenever a shipment of hazardous waste is initiated from a facility, the owner or operator of that facility must comply with the requirements of LAC 33:V.1107.

4. Within three working days of the receipt of a shipment subject to LAC 33:V.Chapter 11.Subchapter B, the owner or operator of the facility must provide a copy of the tracking document bearing all required signatures to the notifier, to the Office of Enforcement and Compliance Assurance, Office of Compliance, Enforcement Planning, Targeting and Data Division (2222A), Environmental Protection Agency, 1200 Pennsylvania Ave, NW, Washington, DC 20460, and to competent authorities of all other concerned countries. A copy of the tracking document must be maintained at the facility for at least three years from the date of signature.

5. If a facility receives hazardous waste from a foreign source, the facility shall mail a copy of the manifest to the following address within 30 days of delivery: International Compliance Assurance Division, U.S. Environmental Protection Agency, 1200 Pennsylvania Ave., NW (2221A), Washington, D.C. 20460-0001. In addition, the facility must, within 30 days:

a. send a copy of the signed and dated manifest or shipping paper to the generator; and

b. determine whether the consignment state or the generator state regulates any additional wastes or requires submission of any copies of the manifest to that state.

C. Manifest Discrepancies

1. Manifest discrepancies are:

a. significant differences between the quantity or type of waste designated on the manifest and the quantity or type of waste a facility actually receives;

b. rejected wastes, either full or partial shipment, the TSD facility cannot accept; or

c. container residues exceeding the quantity for *empty containers*, as defined in LAC 33:V.109.

2. Significant discrepancies in quantity are, for bulk waste, greater than 10 percent in weight and, for batch waste, variation in piece count. Discrepancies in type are those discovered through inspection or waste analysis, or toxic constituents not reported on the manifest.

3. Upon discovering a significant discrepancy, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (e.g., with telephone conversations). If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the Office of Environmental Services, Environmental Assistance Division, a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest or shipping paper at issue.

4. Rejected Wastes or Residues

a. Upon rejecting waste or identifying container residue exceeding “empty” limits, the facility shall consult the generator prior to forwarding waste to a facility that can manage it. If it is impossible to locate an alternate facility, the facility may return the rejected waste to the generator. Waste must be sent to an alternate facility or returned to the generator within 60 days of rejection.

b. While the facility is making arrangements for forwarding rejected wastes or residues, it shall ensure that either the delivering transporter retains custody of the waste, or the facility provides custody of the waste, pending delivery of the waste to the first transporter designated on the manifest prepared under Paragraph C.5 or 6 of this Section.

5. Alternate Facility

a. Except as provided in Subparagraph C.5.b of this Section, for rejected wastes or residues to be sent to an alternate facility, the facility is required to prepare a new manifest in accordance with LAC 33:V.1107 and the following instructions.

i. Write the generator’s EPA ID number in Item 1 of the new manifest. Write the generator’s name and mailing address in Item 5, or if the generator’s site address is different, write the site address in Item 5.

ii. Write the name and EPA ID number of the alternate facility in Item 8 of the new manifest.

iii. Copy the manifest tracking number in Item 4 of the old manifest to the Special Handling and Additional Information block of the new manifest, and indicate that the shipment is rejected waste or residue from the previous shipment.

iv. Copy the manifest tracking number in Item 4 of the new manifest to the manifest reference number line in the Discrepancy block of the old manifest.

v. Write the DOT description for the rejected waste or residue in Item 9 of the new manifest and enter the container type, quantity, and waste volume.

vi. Sign the generator's/offendor's certification to certify that the waste has been properly packaged, marked, and labeled, and is in condition for transportation.

b. For full load rejections made while the transporter remains at the facility, the facility may forward the rejected shipment to the alternate facility by completing Item 18b of the original manifest and supplying the information in the Alternate Facility block. The facility must retain a copy of this manifest for its records and give the remaining copies to the transporter. If the original manifest is not used, then the facility must use a new manifest and comply with Clauses C.5.a.i.-vi of this Section.

6. Return to Generator

a. Except as provided in Subparagraph C.6.b of this Section, for rejected wastes or residues that must be sent back to the generator, the facility is required to prepare a new manifest in accordance with LAC 33:V.1107 and the following instructions.

i. Write the facility's EPA ID number in Item 1 of new manifest. Write the generator's name and mailing address in Item 5, unless the generator's site address is different, then write the site address in Item 5.

ii. Write the name and EPA ID number of the initial generator in Item 8 of the new manifest.

iii. Copy the manifest tracking number in Item 4 of the old manifest to the Special Handling and Additional Information block of the new manifest, and indicate that the shipment is rejected waste or residue from the previous shipment.

iv. Copy the manifest tracking number in Item 4 of the new manifest to the manifest reference number line in the Discrepancy block of the old manifest.

v. Write the DOT description for the rejected waste or residue in Item 9 of the new manifest and enter the container type, quantity, and waste volume.

vi. Sign the generator's/offendor's certification to certify that the waste has been properly packaged, marked, and labeled, and is in condition for transportation.

b. For full load rejections made while the transporter remains at the facility, the facility may return the rejected shipment to the generator with the original manifest by completing Items 18a and 18b of the original manifest and supplying the generator's information in the Alternate Facility block. The facility must retain a copy of this manifest for its records and give the remaining copies of the manifest to the transporter. If the original manifest is not used, then the facility must use a new manifest and comply with Clauses C.6.a.i.-vi of this Section.

7. If a facility rejects waste, or identifies residue that exceeds the limits for empty containers, as defined in LAC 33:V.109, after it has signed, dated, and returned a copy of the manifest to the delivering transporter or generator, the facility shall amend its copy of the manifest to indicate the rejected waste or residue in the Discrepancy block of the amended

manifest. The facility shall also copy the manifest tracking number in Item 4 of the new manifest to the Discrepancy block of the amended manifest, and shall re-sign and date the manifest to certify that the information is amended. The facility shall retain the amended manifest for at least three years, and shall send a copy of the amended manifest to the transporter and generator that received copies prior to amendment within 30 days.

D. Unmanifested Waste Report. If a facility accepts for treatment, storage, or disposal any hazardous waste from an off-site source without an accompanying manifest, or without an accompanying shipping paper as described in LAC 33:V.1307.E.2, and if the waste is not excluded from the manifest requirements by LAC 33:V.108, then the owner or operator must prepare and submit a single copy of a report to the administrative authority within 15 days after receiving the waste. The unmanifested waste report must be submitted to the Office of Environmental Services, Environmental Assistance Division. The report must be designated "Unmanifested Waste Report" and include the following information:

1. the EPA identification number, name, and address of the facility;
2. the date the facility received the waste;
3. the EPA identification number, name, and address of the generator and the transporter, if available;
4. a description and the quantity of each unmanifested hazardous waste the facility received;
5. the method of treatment, storage, or disposal for each hazardous waste;
6. the certification signed by the owner or operator of the facility, or his authorized representative; and
7. a brief explanation of why the waste was unmanifested, if known.

[Comment: Small quantities of hazardous waste are excluded from regulation under LAC 33:V.Chapters 15-21, 23-29, and 31-37 and do not require a manifest. Where a facility receives unmanifested hazardous wastes, the department suggests that the owner or operator obtain from each generator a certification that the waste qualifies for exclusion. Otherwise, the department suggests that the owner or operator file an unmanifested waste report for the hazardous waste movement.]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:**.

§1529. Operating Record and Reporting Requirements

A. - C.3. ...

D. Annual Report. The owner or operator ~~must~~shall prepare and submit a single copy of an annual report to the Office of Environmental Services, Environmental Assistance Division, by March 1 of each year. The report form ~~must~~shall be used for this report. The annual report must cover facility activities during the previous calendar year. Information submitted on a more frequent basis may be included by reference or in synopsis form where it is not pertinent to reporting under LAC 33:V.Chapter 91516 or monitoring reporting under LAC 33:V.3317. It

~~must~~shall include the following information:

D.1. – E.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 15:378 (May 1989), LR 16:220 (March 1990), LR 16:399 (May 1990), LR 17:658 (July 1991), LR 18:1256 (November 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 22:832 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1695 (September 1998), LR 25:437 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1799 (October 1999), LR 26:278 (February 2000), LR 26:2473 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 22. Prohibitions on Land Disposal

Subchapter A. Land Disposal Restrictions

§2205. Storage of Prohibited Wastes

A.-D. ...

E. The prohibition in Subsection A of this Section does not apply to hazardous wastes that:

1. meet the treatment standards specified under LAC 33:V.2225-2223, ~~or 2227, or 2229~~; or

E.2. - H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 15:378 (May 1989), amended LR 16:220 (March 1990), LR 17:658 (July 1991), LR 21:266 (March 1995), LR 22:22 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1724 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1799 (October 1999), LR 26:280 (February 2000), LR 27:711 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§2208. Waste-Specific Prohibitions—Dyes and/or Pigments Production Wastes

A. Effective August 23, 2005, the waste specified in 40 CFR Part 261 as EPA Hazardous Waste Number K181, and soil and debris contaminated with this waste, radioactive wastes mixed with this waste, and soil and debris contaminated with radioactive wastes mixed with this waste are prohibited from land disposal.

B. The requirements of Subsection A of this Section do not apply if:

1. the wastes meet the applicable treatment standards specified in LAC

33:V.2223;

2. _____ persons have been granted an exemption from a prohibition pursuant to a petition under LAC 33:V.2241, with respect to those wastes and units covered by the petition;

3. _____ the wastes meet the applicable treatment standards established pursuant to a petition granted under LAC 33:V.2231;

4. _____ hazardous debris has met the treatment standards in LAC 33:V.2223, or the alternative treatment standards in LAC 33:V.2230; or

5. _____ persons have been granted an extension to the effective date of a prohibition in accordance with LAC 33:V.2239, with respect to those wastes covered by the extension.

C. To determine whether a hazardous waste identified in this Section exceeds the applicable treatment standards specified in LAC 33:V.2223, the initial generator must test a sample of the waste extract or the entire waste, depending on whether or not the treatment standards are expressed as concentrations in the waste extract of the waste, or the generator may use knowledge of the waste. If the waste contains regulated constituents in excess of the applicable LAC 33:V.2223 levels, the waste is prohibited from land disposal, and all requirements of this Chapter are applicable, except as otherwise specified.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR:32**.

Subchapter B. Hazardous Waste Injection Restrictions

§2299. Appendix—Tables 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Table 2. Treatment Standards for Hazardous Wastes					
Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
* * *					
[See Prior Text in D001 ⁹ – D043 ⁹]					
F001	* * * [See Prior Text]	* * * [See Prior Text in Acetone - Xylenes-mixed isomers (sum of o-, m, and p-xylene concentrations)]			
F002					
F003					
F004					
F005					

Table 2. Treatment Standards for Hazardous Wastes

Table 2. Treatment Standards for Hazardous Wastes					
Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
	F003 and/or F005 solvent wastes that contain any combination of one or more of the following three solvents as the only listed F001-5 solvents: carbon disulfide, cyclohexanone, and/or methanol (see formerly LAC 33:V.2225.C.2223.F)	Carbon disulfide	75-15-0	3.8	4.8 mg/L TCLP
		Cyclohexanone	108-94-1	0.36	0.75 mg/L TCLP
		Methanol	67-56-1	5.6	0.75 mg/L TCLP
	F005 solvent waste containing 2-Nitropropane as the only listed F001-5 solvent.	2-Nitropropane	79-46-9	(WETOX or CHOXD) fb CARBN; or CMBST	CMBST
	F005 solvent waste containing 2-Ethoxyethanol as the only listed F001-5 solvent.	2-Ethoxyethanol	110-80-5	BIODG; or CMBST	CMBST
*** [See Prior Text in F006-F038]					
F039	Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under LAC 33:V.Subchapter A. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other Hazardous Wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028.)	*** [See Prior Text in Acenaphthylene – Aniline]			
		<u>o</u> -Anisidine (2-methoxyaniline)	<u>90-04-0</u>	<u>0.010</u>	<u>0.66</u>
		*** [See Prior Text in Anthracene – Chrysene]			
		<u>p</u> -Cresidine	<u>120-71-8</u>	<u>0.010</u>	<u>0.66</u>
		*** [See Prior Text in o-Cresol - Diethyl phthalate]			
		<u>2,4-Dimethylaniline</u>	<u>95-68-1</u>	<u>0.010</u>	<u>0.66</u>
		*** [See Prior Text in 2-4-Dimethyl phenol – Phenol]			
		<u>1,3-Phenylenediamine</u>	<u>108-45-2</u>	<u>0.010</u>	<u>0.66</u>
*** [See Prior Text in Phorate – Vanadium]					
*** [See Prior Text in K001 – K178]					
K181	Nonwastewaters from the production of dyes and/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 LAC 33:V.4901.C.2 that are equal to or greater than the corresponding LAC	<u>Aniline</u>	<u>62-53-3</u>	<u>0.81</u>	<u>14</u>
		<u>o</u> -Anisidine (2-methoxyaniline)	<u>90-04-0</u>	<u>0.010</u>	<u>0.66</u>
		<u>4-Chloroaniline</u>	<u>106-47-8</u>	<u>0.46</u>	<u>16</u>
		<u>p</u> -Cresidine	<u>120-71-8</u>	<u>0.010</u>	<u>0.66</u>
		<u>2,4-Dimethylaniline (2,4-xylylidine)</u>	<u>95-68-1</u>	<u>0.010</u>	<u>0.66</u>
		<u>1,2-Phenylenediamine</u>	<u>95-54-5</u>	<u>CMBST; or CHOXD fb (BIODG or</u>	<u>CMBST; or CHOXD fb (BIODG or</u>

Table 2. Treatment Standards for Hazardous Wastes					
Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
	33:V.4901.C.2 levels, as determined on a calendar year basis.			CARB ^N); or BIODG fb CARBN	CARB ^N); or BIODG fb CARBN
		1,3-Phenylenediamine	108-45-2	0.010	0.66

[See Prior Text in P001 – U411]					

Footnote 1 – Footnote 12 ...

[NOTE: NA means Not Applicable.]

Table 3 – Table 6 ...

Table 7. Universal Treatment Standards			
Regulated Constituent-Common Name	CAS ¹ Number	Wastewater Standard Concentration in mg/L ²	Nonwastewater Standard Concentration in mg/kg ³ unless noted as "mg/L TCLP"
Organic Constituents			

[See Prior Text in Acenaphthylene - Aniline]			
o-Anisidine (2-methoxyaniline)	90-04-0	0.010	0.66

[See Prior Text in Anthracene - Chrysene]			
p-Cresidine	120-71-8	0.010	0.66

[See Prior Text in o-Cresol - Diethyl phthalate]			
2,4-Dimethylaniline (2,4-xylydine)	95-68-1	0.010	0.66

[See Prior Text in 2-4-Dimethyl phenol - Phenol]			
1,3-Phenylenediamine	108-45-2	0.010	0.66

[See Prior Text in Phorate - Xylenes-mixed isomers (sum of o-, m-, and p- xylene concentrations)]			
Inorganic Constituents			

[See Prior Text in Antimony - Zinc ⁵]			

Footnote 1 – Footnote 8 ...

[Note: NA means Not Applicable]

Table 8 – Table 12 ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 16:1057 (December 1990), amended LR 17:658 (July 1991), LR 21:266 (March 1995), LR 22:22 (January 1996), LR 22:834 (September 1996), LR 23:566 (May 1997), LR 24:301 (February 1998), LR 24:670

(April 1998), LR 24:1732 (September 1998), LR 25:451 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:282 (February 2000), LR 27:295 (March 2001), LR 29:322 (March 2003), LR 30:1682 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 31. Incinerators

§3105. Applicability

A. – E. ...

Table 1. Hazardous Constituents			
Common Name	Chemical Abstracts Name	Chemical Abstracts Number	Hazardous Waste Number
*** [See Prior Text in A2213 - Aniline]			
<u>o-Anisidine (2-methoxyaniline)</u>	<u>Benzenamine, 2-Methoxy-</u>	<u>90-04-0</u>	
*** [See Prior Text in Antimony - Creosote]			
<u>p-Cresidine</u>	<u>2-Methoxy-5-methylbenzenamine</u>	<u>120-71-8</u>	
*** [See Prior Text in Cresol (cresylic acid) - p-Dimethylaminoazobenzene]			
<u>2,4-Dimethylaniline (2,4-xylydine)</u>	<u>Benzenamine, 2,4-dimethyl-</u>	<u>95-68-1</u>	
*** [See Prior Text in 7,12-Dimethylbenz[a]anthracene - Phenylenediamine]			
<u>1,2-Phenylenediamine</u>	<u>1,2-Benzenediamine</u>	<u>95-54-5</u>	
<u>1,3-Phenylenediamine</u>	<u>1,3-Benzenediamine</u>	<u>108-45-2</u>	
*** [See Prior Text in Phenylmercury acetate – Ziram]			

Footnote 1. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 11:1139 (December 1985), LR 13:433 (August 1987), LR 14:424 (July 1988), LR 15:737 (September 1989), LR 16:399 (May 1990), LR 18:1256 (November 1992), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 21:944 (September 1995), LR 22:835 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:318 (February 1998), LR 24:681 (April 1998), LR 24:1741 (September 1998), LR 25:479 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:301 (March 2001), LR 28:1004 (May 2002), LR 29:323 (March 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 41. Recyclable Materials

Subchapter C. Special Requirements for Group III Recyclable Materials

§4145. Spent Lead-Acid Batteries Being Reclaimed

A. – Table. ...

B. Requirements. ~~If I store spent lead-acid batteries before I reclaim them, but not through regeneration, which requirements apply?~~ The requirements of this SubSection apply to you if you store spent lead-acid batteries before you reclaim them, but you don't reclaim them through regeneration. The requirements are slightly different depending on your RCRA permit status.

1. For interim status facilities, you must comply with:
 - a. notification requirements under Section 3010 of RCRA and LAC 33:V.105;
 - b. all applicable provisions in LAC 33:V.~~4301–4306~~Chapter 43;
 - c. ~~all applicable provisions in LAC 33:V.Chapter 43.Subchapter A,~~
except LAC 33:V.4313 (waste analysis); and
 - d. ~~all applicable provisions in LAC 33:V.Chapter 43.Subchapters B and C;~~
 - e. ~~all applicable provisions in LAC 33:V.Chapter 43.Subchapter D,~~
except LAC 33:V.4353 and 4355 (dealing with the use of the manifest and manifest discrepancies); and
 - f. ~~all applicable provisions in LAC 33:V.Chapter 43.Subchapters E-K; and~~
 - cg. all applicable provisions in LAC 33:V.Chapters 3, 5, and 7.
2. For permitted facilities, you must comply with:
 - a. notification requirements under Section 3010 of RCRA and LAC 33:V.105;
 - b. all applicable provisions in LAC 33:V.~~1501~~Chapter 15, except LAC 33:V.1519, 1521, 1523, 1525, 1527, 1529, and 1531;
 - c. ~~all applicable provisions in LAC 33:V.1503, 1504, 1507, 1509, 1515, and 1517;~~
 - d. ~~all applicable provisions in LAC 33:V.1511 and 1513;~~
 - ce. all applicable provisions in LAC 33:V.~~Chapter 9~~1516, but not except LAC 33:V.905Subsections B or and 907C (dealing with the use of the manifest and manifest discrepancies); and
 - df. all applicable provisions in LAC 33:V.~~1505, and~~ Chapters 3, 5, 7, 19, 21, 23, 29, 33, 35, and 37; ~~and~~
 - g. ~~all applicable provisions in LAC 33:V.Chapters 3, 5, and 7.~~

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 11:988 (October 1985), amended LR 11:1139 (December 1985), LR 13:237 (April 1987), LR 23:579 (May 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:287 (February 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 32:611 (April 2006), LR 32:**.

Chapter 43. Interim Status

Subchapter D. Manifest System, Recordkeeping, and Reporting

§4351. Applicability

A. The regulations in this Subchapter apply to owners and operators of both on-site and off-site facilities, except as LAC 33:V.4307 provides otherwise. LAC 33:V.4353, 4355, and 4363 do not apply to owners and operators of on-site facilities that do not receive any hazardous waste from off-site sources, nor to owners and operators of off-site facilities with respect to military munitions waste.

B. The revised manifest form and procedures in 40 CFR 260.10, 261.7, 265.70, 265.71, 265.72, and 265.76 shall be effective as of September 5, 2006. The manifest form and procedures in the July 1, 2004 CFR shall be applicable until September 5, 2006.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1109 (June 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§4353. Use of the Manifest System

A. Interim status facilities must comply with LAC 33:V.~~Chapter 9~~1516.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 17:367 (April 1991), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§4355. Manifest Discrepancies

A. Interim status facilities must comply with LAC 33:V.~~Chapter 9~~1516.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 10:200 (March 1984), amended LR 17:367 (April 1991), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.

§4356. Unmanifested Waste Report

A. Interim status facilities must comply with LAC 33:V.1516.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality,

Office of the Secretary, Legal Affairs Division, LR 32:**.

Chapter 49. Lists of Hazardous Wastes

[Comment: Chapter 49 is divided into two sections: Category I Hazardous Wastes, which consist of Hazardous Wastes from nonspecific and specific sources (F and K wastes), Acute Hazardous Wastes (P wastes), and Toxic Wastes (U wastes) (LAC 33:V.4901); and Category II Hazardous Wastes, which consist of wastes that are ignitable, corrosive, reactive, or toxic (LAC 33:V.4903).]

§4901. Category I Hazardous Wastes

A. – B.3.c.xii., certification. ...

C. Hazardous wastes from specific sources are listed in Table 2 of this Section.

Table 2. Hazardous Wastes from Specific Sources		
Industry and EPA Hazardous Waste Number	Hazard Code	Hazardous Waste

[See Prior Text in Wood Preservation, K001 – Inorganic Pigments, K008]		
Organic Chemicals		

[See Prior Text in K009 – K175]		
K181	(T)	Nonwastewaters from the production of dyes and/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 LAC 33:V.4901.C.2 that are equal to or greater than the corresponding LAC 33:V.4901.C.2 levels, as determined on a calendar year basis. These wastes will not be hazardous if the nonwastewaters are: (i) disposed in a Subtitle D landfill unit subject to the design criteria in 40 CFR 258.40; (ii) disposed in a RCRA Subtitle C landfill unit subject to either 40 CFR 264.301 or 265.301; (iii) disposed in other Subtitle D landfill units that meet the design criteria in 40 CFR 258.40, 264.301, or 265.301; or (iv) treated in a combustion unit that is permitted under RCRA Subtitle C, or an onsite combustion unit that is permitted under the Clean Air Act. For the purposes of this listing, <i>dyes and/or pigments production</i> is defined in LAC 33:V.4901.C.1. LAC 33:V.4901.C.3 describes the process for demonstrating that a facility's nonwastewaters are not K181. This listing does not apply to wastes that are otherwise identified as hazardous under 40 CFR 261.21-24 and 261.31-33 at the point of generation. Also, the listing does not apply to wastes generated before any annual mass loading limit is met.

[See Prior Text in Inorganic Chemicals, K071 – Coking, K148]		

1. Listing-Specific Definitions. For purposes of the K181 listing, the following definition applies.

Dyes and/or Pigments Production—includes manufacture of the following product classes: dyes, pigments, and FDA certified colors that are classified as azo, triarylmethane, perylene, or anthraquinone classes. Azo products include azo, monoazo, diazo, triazo, polyazo, azoic, benzidine, and pyrazolone products. Triarylmethane products include both triarylmethane and triphenylmethane products. Wastes that are not generated at a dyes and/or pigments manufacturing site, such as wastes from the offsite use, formulation, and packaging of dyes and/or pigments, are not included in the K181 listing.

2. K181 Listing Levels. Nonwastewaters containing constituents in amounts equal to or exceeding the following levels during any calendar year are subject to the K181 listing, unless the conditions in the K181 listing are met.

<u>Constituent</u>	<u>Chemical Abstracts No.</u>	<u>Mass Levels (kg/yr)</u>
<u>Aniline</u>	<u>62-53-3</u>	<u>9,300</u>
<u>o-Anisidine</u>	<u>90-04-0</u>	<u>110</u>
<u>4-Chloroaniline</u>	<u>106-47-8</u>	<u>4,800</u>
<u>p-Cresidine</u>	<u>120-71-8</u>	<u>660</u>
<u>2,4-Dimethylaniline</u>	<u>95-68-1</u>	<u>100</u>
<u>1,2-Phenylenediamine</u>	<u>95-54-5</u>	<u>710</u>
<u>1,3-Phenylenediamine</u>	<u>108-45-2</u>	<u>1,200</u>

3. Procedures for Demonstrating That Dyes and/or Pigment Nonwastewaters Are Not K181. The procedures described in Subparagraphs C.3.a-c and e of this Section establish when nonwastewaters from the production of dyes/pigments would not be hazardous (these procedures apply to wastes that are not disposed in landfill units or treated in combustion units as specified in Table 2 of this Subsection). If the nonwastewaters are disposed in landfill units or treated in combustion units, as described in Table 2 of this Subsection, then the nonwastewaters are not hazardous. In order to demonstrate that it is meeting the landfill disposal or combustion conditions contained in the K181 listing description, the generator must maintain documentation as described in Subparagraph C.3.d of this Section.

a. Determination Based on No K181 Constituents. Generators that have knowledge (e.g., knowledge of constituents in wastes based on prior sampling and analysis data and/or information about raw materials used, production processes used, and reaction and degradation products formed) that their wastes contain none of the K181 constituents (see Paragraph C.2 of this Section) can use their knowledge to determine that their waste is not K181. The generator must document the basis for all such determinations on an annual basis and keep each annual documentation for three years.

b. Determination for Generated Quantities of 1,000 MT/yr or Less for Wastes That Contain K181 Constituents. If the total annual quantity of dyes and/or pigment nonwastewaters generated is 1,000 metric tons or less, the generator can use knowledge of the wastes (e.g., knowledge of constituents in wastes based on prior analytical data and/or information about raw materials used, production processes used, and reaction and degradation products formed) to conclude that annual mass loadings for the K181 constituents are below the listing levels of Paragraph C.2 of this Section. To make this determination, the generator must:

i. each year document the basis for determining that the annual quantity of nonwastewaters expected to be generated will be less than 1,000 metric tons;

ii. track the actual quantity of nonwastewaters generated from January 1 through December 31 of each year. If, at any time within the year, the actual waste quantity exceeds 1,000 metric tons, the generator must comply with the requirements of Subparagraph C.3.c of this Section for the remainder of the year;

iii. keep a running total of the K181 constituent mass loadings over the course of the calendar year; and

iv. keep the following records on site for the three most recent calendar years in which the hazardous waste determinations are made:

(a). the quantity of dyes and/or pigment nonwastewaters

generated;

(b). the relevant process information used; and

(c). the calculations performed to determine annual total mass loadings for each K181 constituent in the nonwastewaters during the year.

c. Determination for Generated Quantities Greater than 1,000 MT/yr for Wastes That Contain K181 Constituents. If the total annual quantity of dyes and/or pigment nonwastewaters generated is greater than 1,000 metric tons, the generator must perform all of the steps described in Clauses C.3.c.i-xi of this Section in order to make a determination that its waste is not K181.

i. Determine which K181 constituents (see Paragraph C.2 of this Section) are reasonably expected to be present in the wastes based on knowledge of the wastes (e.g., based on prior sampling and analysis data and/or information about raw materials used, production processes used, and reaction and degradation products formed).

ii. If 1,2-phenylenediamine is present in the wastes, the generator can use either knowledge or sampling and analysis procedures to determine the level of this constituent in the wastes. For determinations based on use of knowledge, the generator must comply with the procedures for using knowledge described in Subparagraph C.3.b of this Section and keep the records described in Clause C.3.b.iv of this Section. For determinations based on sampling and analysis, the generator must comply with the sampling and analysis and recordkeeping requirements described in Clauses C.3.c.iii-xi of this Section.

iii. Develop a waste sampling and analysis plan (or modify an existing plan) to collect and analyze representative waste samples for the K181 constituents reasonably expected to be present in the wastes. At a minimum, the plan must include:

(a). a discussion of the number of samples needed to characterize the wastes fully;

(b). the planned sample collection method to obtain representative waste samples;

(c). a discussion of how the sampling plan accounts for potential temporal and spatial variability of the wastes;

(d). a detailed description of the test methods to be used, including sample preparation, cleanup (if necessary), and determinative methods.

iv. Collect and analyze samples in accordance with the waste sampling and analysis plan.

(a). The sampling and analysis must be unbiased, precise, and representative of the wastes.

(b). The analytical measurements must be sufficiently sensitive, accurate, and precise to support any claim that the constituent mass loadings are below the listing levels of Paragraph C.2 of this Section.

v. Record the analytical results.

vi. Record the waste quantity represented by the sampling and analysis results.

vii. Calculate constituent-specific mass loadings (product of concentrations and waste quantity).

viii. Keep a running total of the K181 constituent mass loadings over the course of the calendar year.

ix. Determine whether the mass of any of the K181

constituents listed in Paragraph C.2 of this Section generated between January 1 and December 31 of any year is below the K181 listing levels.

x. Keep the following records on site for the three most recent calendar years in which the hazardous waste determinations are made:

- (a). the sampling and analysis plan;
- (b). the sampling and analysis results (including QA/QC data);
- (c). the quantity of dyes and/or pigment nonwastewaters generated;
- (d). the calculations performed to determine annual mass loadings.

xi. Nonhazardous waste determinations must be conducted annually to verify that the wastes remain nonhazardous.

(a). The annual testing requirements are suspended after three consecutive successful annual demonstrations that the wastes are nonhazardous. The generator can then use knowledge of the wastes to support subsequent annual determinations.

(b). The annual testing requirements are reinstated if the manufacturing or waste treatment processes generating the wastes are significantly altered, resulting in an increase of the potential for the wastes to exceed the listing levels.

(c). If the annual testing requirements are suspended, the generator must keep records of the process knowledge information used to support a nonhazardous determination. If testing is reinstated, a description of the process change must be retained.

d. Recordkeeping for the Landfill Disposal and Combustion Exemptions. For the purposes of meeting the landfill disposal and combustion condition set out in the K181 listing description, the generator must maintain on site for three years documentation demonstrating that each shipment of waste was received by a landfill unit that is subject to or meets the landfill design standards set out in the listing description, or was treated in combustion units as specified in the listing description.

e. Waste Holding and Handling. During the interim period, from the point of generation to completion of the hazardous waste determination, the generator is responsible for storing the wastes appropriately. If the wastes are determined to be hazardous and the generator has not complied with the RCRA Subtitle C requirements during the interim period, the generator could be subject to an enforcement action for improper management.

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Table 6. Table of Constituents that Serve as a Basis for Listing Hazardous Waste	

[See Prior Text in EPA Hazardous Waste Number F001 – EPA Hazardous Waste Number K178]	
EPA Hazardous Waste Number K181	
Aniline; o-anisidine; 4-chloroaniline; p-cresidine; 2,4-dimethylaniline; 1,2-phenylenediamine; 1,3-phenylenediamine	

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, LR 10:200 (March 1984), amended LR 10:496 (July 1984), LR 11:1139 (December 1985), LR 12:319 (May 1986), LR 13:84 (February 1987), LR 13:433 (August 1987), LR 14:426 (July 1988), LR 14:791 (November 1988), LR 15:182 (March 1989), LR 16:220 (March 1990), LR

16:614 (July 1990), LR 16:1057 (December 1990), LR 17:369 (April 1991), LR 17:478 (May 1991), LR 17:658 (July 1991), LR 18:723 (July 1992), LR 18:1256 (November 1992), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:829, 840 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1522 (November 1997), LR 24:321 (February 1998), LR 24:686 (April 1998), LR 24:1754 (September 1998), LR 25:487 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:304 (March 2001), LR 27:715 (May 2001), LR 28:1009 (May 2002), LR 29:324 (March 2003), amended by the Office of Environmental Assessment, LR 31:1573 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:**.