PREFACE

This supplement contains amendments to the environmental regulations adopted during the 4th quarter of 2007 (October - December).

The amendments in this publication include the following:

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Part I. Office of the Secretary	OS066	November 20, 2007
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Part III. Air	AQ256S1	December 20, 2007
	AQ287P	October 20, 2007
	AQ289ft	December 20, 2007
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Part VII. Solid Waste	SW043	December 20, 2007
Part IX. Water Quality	WQ071ft	October 20, 2007
	WQ073ft	November 20, 2007
Part XV. Radiation Protection	RP046ft	November 20, 2007

ft – Fast-Track Rule - Federal regulations promulgated in accordance with expedited procedures in R.S. 49:953(F)(3)
F – Federal Language
L – Louisiana Language
S – Substantive Changes to Proposed Rule
P – Rule resulting from a Petition for Rulemaking

Brenda Hayden

Environmental Regulatory Code Editor

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Title 33

ENVIRONMENTAL QUALITY

Part I. Office of the Secretary

Subpart 1. Departmental Administrative Procedures

Chapter 5. Confidential Information Regulations

§501. Scope

A. Department of Environmental Quality information and records obtained under the Louisiana Environmental Quality Act, or by any rule, regulation, order, license, registration, or permit term or condition adopted or issued thereunder, or by any investigation authorized thereby, shall be available to the public, unless confidentiality is requested in writing to the Office of the Secretary and the information or records are determined by the department to require confidentiality.

B. – B.6. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2030.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 22:342 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2439 (November 2000), LR 30:742 (April 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2432 (October 2005), LR 33:2078 (October 2007).

Chapter 9. Petition for Rulemaking

§907. Content of a Rulemaking Petition

A. …

B. The petition shall be addressed to the Office of the Secretary.

C. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 23:297 (March 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2439 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2432 (October 2005), LR 33:2078 (October 2007).

Chapter 11. Declaratory Rulings

§1109. Declaratory Rulings Officer

A. – B. ...

C. The declaratory rulings officer shall have the authority to regulate all matters concerning a request for declaratory ruling and to issue the declaratory ruling after concurrence as to legal sufficiency by the Office of the Secretary.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2050.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 23:1141 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2440 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2432 (October 2005), LR 33:2078 (October 2007).

§1111. Duty to Maintain List

A. The secretary shall maintain, in a place accessible to the public in the Office of the Secretary, a list of all petitions for declaratory rulings and declaratory rulings and an index to the list. The list shall identify the petitioner, the matter to be decided, and when applicable, the location of the activity or facility that is the subject of the petition. The list shall also include the date on which the petition is received, the date the secretary decides whether a declaratory ruling will be issued, the date the secretary sets for issuance of the ruling, the date the ruling issues, and the date of any request for modification or appeal.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2050.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 23:1141 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2440 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2432 (October 2005), LR 33:2078 (October 2007).

§1113. Declaratory Rulings Clerk

A. The administrative authority shall designate a person in the Office of the Secretary to serve as the declaratory rulings clerk, who shall be the official custodian of declaratory rulings records. The clerk shall maintain these records separately from other records of the department.

B. – B.5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2050.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 23:1142 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2440 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:2078 (October 2007).

§1117. Petition Contents and Form

A. – A.9. ...

B. A petition for declaratory ruling shall be filed with the Office of the Secretary by either of the following methods:

1. personal delivery to the general counsel or the declaratory rulings clerk at department headquarters; or

2. United States Mail as certified mail, return receipt requested to Declaratory Rulings Clerk, Office of the Secretary.

C. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2050.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 23:1142 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2440 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:2078 (October 2007).

Chapter 12. Requests for Review of Environmental Conditions

§1203. Procedure for Submittal of Request

A. – B.10. ...

C. An applicant shall submit the request for review, in accordance with the requirements of Subsection B of this Section, in triplicate, with the initial minimum fee in Subsection A of this Section, to the administrator of the Office of Environmental Assessment.

D. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 20:2001, et seq., and specifically 2011(D)(25).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:447 (March 2007), amended LR 33:2079 (October 2007).

Chapter 13. Risk Evaluation/Corrective Action Program

§1307. Adoption by Reference

A. The document entitled, "Louisiana Department of Environmental Quality Risk Evaluation/Corrective Action Program (RECAP)," dated October 20, 2003, is hereby adopted and incorporated herein in its entirety. The RECAP document is available for purchase or inspection from 8 a.m. until 4:30 p.m., Monday through Friday, from the Office of the Secretary. For RECAP document availability at other locations, contact the department's Regulation Development Section. The RECAP document may also be reviewed on the Internet through the department's website.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2272.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:2244 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1264 (June 2000), LR 26:2441 (November 2000), LR 29:2057 (October 2003), amended by the Office of Environmental Assessment, LR 30:2020 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:2079 (October 2007).

Chapter 15. Permit Review

§1505. Review of Permit Applications for New Facilities and Substantial Permit Modifications

A. – A.4. ...

5. Within 30 days after receipt of a letter of administrative completeness, the applicant shall publish a notice, provided by the department, of the administrative completeness determination in a major local newspaper of general circulation and submit proof of publication to the Office of Environmental Services.

A.6. – E. ...

F. Withdrawal of Permit Application

1. An applicant may voluntarily withdraw an application during the review process, without prejudice, provided notice of withdrawal is submitted to the Office of Environmental Services in writing with the appropriate signatory authority, and:

1.a. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2022(B).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Legal Affairs and Enforcement, Enforcement and Regulatory Compliance Division, LR 19:487 (April 1993), repromulgated LR 19:742 (June 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2441 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:1342 (July 2007), LR 33:2079 (October 2007).

Chapter 17. Permit Qualifications and Requirements

§1701. Requirements for Obtaining a Permit

A. – B.2. ...

C. The applicant shall provide to the Office of Environmental Services a list of the state(s) where he or she has federal or state environmental permits identical to, or of a similar nature to, the permit for which application is being made. This information shall be provided for all individuals, partnerships, corporations, or other entities who own a controlling interest (50 percent or more) in the company or who participate in the environmental management of the facility for an entity applying for a permit or an ownership interest.

D. In addition to providing the information required in Subsection C of this Section, the applicant shall submit a written statement to the Office of Environmental Services as part of the permit application, to certify that:

D.1. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2014.2 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 25:660 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2441 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:2079 (October 2007).

Chapter 18. Expedited Permit Processing Program

§1803. Procedures

A. Requests for expedited permit processing shall be submitted using the approved form. The approved form is available on the official website for the department. Hard copies may be obtained from the Office of Environmental Services.

B. – D.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30: 2014.5.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1014 (June 2007), amended LR 33:2079 (October 2007).

Chapter 20. Records of Decision for Judicial Review

§2005. Responsibility for Assembly of Record of Decision

A. When the department is served with notice of an appeal or other request for judicial review, such notice shall be immediately forwarded to the Office of the Secretary, which shall be responsible for assembling a complete and legible copy of the record of decision and transmitting it to the court.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular, 2050.20.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 25:858 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2441 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2433 (October 2005), LR 33:2079 (October 2007).

Chapter 23. Procedures for Public Record Requests

§2307. Exceptions to Standard Operating Procedures

A. – B.1.a. ...

b. If payment is not received within 10 working days, the requester's name will appear on an accounts receivable past due report maintained by the Office of Management and Finance.

1.c. – 2.c. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 49:950 et seq. and 44:1 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Management and Finance, Fiscal Services Division, LR 25:429 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2442 (November 2000), LR 29:702 (May 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2080 (October 2007).

Subpart 2. Notification

Chapter 39. Notification Regulations and Procedures for Unauthorized Discharges

Subchapter A. General

§3905. Definitions

A. ...

***

Groundwater—water located beneath the ground surface or below a surface water body in a saturated zone or stratum.

***

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2204(A), and 2373(B).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2442 (November 2000), amended by the Office of Secretary, Legal Affairs Division, LR 33:2080 (October 2007), LR 33:2627 (December 2007).

Subchapter C. Requirements for Prompt Notification

§3917. Notification Requirements for Unauthorized Discharges That Do Not Cause an Emergency Condition

A. In the event of an unauthorized discharge that exceeds a reportable quantity specified in Subchapter E of this Chapter but that does not cause an emergency condition, the discharger shall promptly notify the department within 24 hours after learning of the discharge. Notification should be made to SPOC in accordance with LAC 33:I.3923.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C), and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), repromulgated LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), repromulgated LR 27:38 (January 2001), amended LR 30:1668 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2080 (October 2007).

§3919. Notification Requirements for Unauthorized Discharges with Groundwater Contamination Impact

A. In the event that any unauthorized discharge results in the contamination of the groundwaters of the state or otherwise moves in, into, within, or on any saturated subsurface strata, the discharger shall notify SPOC within seven days.

B. Dischargers shall submit written notification in accordance with LAC 33:I.3925 or any permit or license terms and conditions issued under the Louisiana Environmental Quality Act.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2076(D), 2183(I), and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), repealed LR 19:1022 (August 1993), repromulgated and amended LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), LR 30:1668 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2080 (October 2007), LR 33:2628 (December 2007).

Subchapter D. Notification Procedures

§3923. Prompt Notification Procedures

A. Prompt notification shall be provided within a time frame not to exceed 24 hours and shall be given to SPOC, as follows:

A.1. – C.7.d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C), and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 30:1668 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2080 (October 2007).

§3925. Written Notification Procedures

A. Written reports for any unauthorized discharge that requires notification under LAC 33:I.3915.A, 3917, or 3919 shall be submitted by the discharger to SPOC in accordance with this Section within seven calendar days after the notification required by LAC 33:I.3915.A, 3917, or 3919, unless otherwise provided for in a valid permit or other department regulation.

1. – 2. …

3. For information required by Subsection B of this Section that is not available at the time of submittal of the written notification report due to an ongoing investigation, updates of the status of the ongoing investigation of the unauthorized discharge shall be submitted every 60 days until the investigation has been completed and the results of the investigation have been submitted.

B. – B.16. …

C. Written notification reports shall be submitted to SPOC by mail or fax. The transmittal envelope and report or fax cover page and report should be clearly marked "UNAUTHORIZED DISCHARGE NOTIFICATION REPORT."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C) and 2204(A).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), LR 20:182 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2443 (November 2000), LR 30:1669 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2080 (October 2007), LR 33:2628 (December 2007).

Subchapter E. Reportable Quantities for Notification of Unauthorized Discharges

§3931. Reportable Quantity List for Pollutants

A. - A.2. …

B. Modifications or Additions. The following table contains modifications to the federal reportable quantity lists incorporated by reference in Subsection A of this Section, as well as reportable quantities for additional pollutants. If a pollutant is listed with more than one reportable quantity, the lower-value reportable quantity shall be used.

Pollutant	Synonym	CAS No.[1]	RCRA[2] Waste Number	Pounds
Acetaldehyde	Acetic aldehyde	75070	U001	700
Allyl chloride	3-Chloroproprene	107051		1000/10[@]
Aniline	Aminobenzene	62533	U012	5000/1000[@]
Antimony*		7440360		5000/100[@]
Antimony compounds		20008		100
Barium*		7440393		100
Barium compounds		20020		100
n-Butyl alcohol	1-Butanol	71363	U031	5000/1000[@]
Carbonic dichloride	Phosgene	75445	P095	10/1[@]
Chlorinated dibenzo furans, all isomers				1
Chlorine dioxide	Chlorine oxide	10049044		1
Chromium[3] *		7440473		5000/100[@]
Chromium compounds		20064		100
Copper[3]		7440508		5000/100[@]
Copper compounds		20086		100
Cumene	Isopropyl benzene	98828	U055	5000/1000[@]
Ethyl acrylate	2-Propenoic acid, ethyl ester	140885	U113	1000/10[@]
Ethylene	Ethene	74851		5000[#] or 100[†]
Glycol ethers **				100
Hexane	Hexyl hydride	110543		5000/1000[@]
Hydrogen chloride	Hydrochloric acid	7647010		5000/1000[@]

Pollutant	Synonym	CAS No.[1]	RCRA[2] Waste Number	Pounds
Hydrogen fluoride	Hydrofluoric acid	7664393	U134	100/10@
Manganese*	Colloidal manganese	7439965		100
Manganese compounds				100
Methyl acrylate	2-Propenoic acid methyl ester	96333		10
Methyl ethyl ketone (MEK)	2-Butanone	78933	U159	5000/1000@
Methyl isobutyl ketone	4-Methyl-2-pentanone	108101	U161	5000/1000@
Methylmercaptan	Methanethiol	74931	U153	100/25@
Methyl methacrylate	2-Methylacrylic acid methyl ester	80626	U162	1000/100@
Methylene diphenyl diisocyanate	Methylene bisphenyl isocyanate	101688		1000
Nitric acid	Hydrogen nitrate	7697372		1000/100@
Oil				1 barrel
Phthalic anhydride	1,3-Isobenzofurandione	85449	U190	5000/1000@
Polynuclear aromatic hydrocarbons ***				1
Produced water				1 barrel
Propionaldehyde	Propionic aldehyde	123386		1000/100@
Propylene	Propene	115071		100†
Sulfur dioxide				500
Sweet pipeline gas (Methane/Ethane)				42000 (1,000,000 scf)
Vinyl acetate	Vinyl acetate monomer	108054		5000/100@
Volatile organic compounds not otherwise listed[4]				5000
Only those highly reactive volatile organic compounds listed below: ethylene and propylene [5]				100†
F003 The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:			F003	100
Methyl isobutyl ketone		108101		5000/1000@
n-Butyl alcohol		71363		5000/1000@
F005 The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:			F005	100
Methyl ethyl ketone		78933	U159	5000/1000@

* No reporting of releases into the ambient air of this metal is required if the diameter of the pieces of solid metal released is equal to or exceeds 100 micrometers (0.004 inches).

** This reportable quantity is applicable to the aggregate emissions of the following glycol ethers: ethylene glycol monomethyl ether (CAS Number 109864), ethylene glycol monomethyl ether acetate (CAS Number 110496), ethylene glycol monoethyl ether (CAS Number 110805), ethylene glycol monoethyl ether acetate (CAS Number 111159), diethylene glycol dimethyl ether (CAS Number 111966), and ethylene glycol dimethyl ether (CAS Number 110714). All other glycol ethers are subject to the federal RQ, if applicable, that is incorporated by reference in LAC 33:I.3931.A.

*** The emissions of all Polynuclear Aromatic Hydrocarbons (PAHs), excluding any PAHs otherwise listed, shall be totaled to determine if a reportable quantity has been exceeded.

[1] Chemical Abstracts Service Registry Number.

[2] Resource Conservation and Recovery Act of 1976, as amended.

[3] Prompt notification of releases of massive forms of these substances is not required if the diameter of the pieces of the substance released is equal to or exceeds 100 micrometers (0.004 inches).

[4] The emissions of all volatile organic compounds (VOCs), excluding any VOCs otherwise listed, shall be totaled to determine if a reportable quantity has been exceeded. *VOC* is defined in LAC 33:III.111, and exempt compounds are listed in LAC 33:III.2117.

[5] The emissions of these highly reactive VOCs shall be totaled to determine if an RQ has been exceeded.

@ The first RQ listed denotes the reportable quantity that will apply to unauthorized emissions based on total mass emitted into or onto all media within any consecutive 24-hour period. The second RQ listed denotes the reportable quantity that will apply to unauthorized emissions based on total mass emitted into the atmosphere.

† The RQ listed denotes the reportable quantity that will apply to unauthorized emissions based on total mass emitted into the atmosphere for facilities in the following parishes: Ascension, East Baton Rouge, Iberville, Livingston, West Baton Rouge, St. Charles, St. James, St. John the Baptist, Pointe Coupee, and West Feliciana.

RQ for the state except the following parishes: Ascension, East Baton Rouge, Iberville, Livingston, West Baton Rouge, St. Charles, St. James, St. John the Baptist, Pointe Coupee, and West Feliciana.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2025(J), 2060(H), 2076(D), 2183(I), 2194(C), 2204(A), and 2373(B).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 11:770 (August 1985), amended LR 19:1022 (August 1993), LR 20:183 (February 1994), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:944 (September 1995), LR 22:341 (May 1996), amended by the Office of the Secretary, LR 24:1288 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 27:2229 (December 2001), LR 28:994 (May 2002), LR 29:698 (May 2003), LR 30:751 (April 2004), LR 30:1669 (August 2004), amended by the Office of Environmental Assessment, LR 31:919 (April 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:603 (April 2006), LR 32:2248 (December 2006), LR 33:640 (April 2007), LR 33:2248 (December 2007).

Subpart 3. Laboratory Accreditation

Chapter 47. Program Requirements

§4701. Accreditation Process

A. The department accreditation process comprises four basic steps:

1. the submittal to the Office of Environmental Assessment of a written request from the laboratory in the form of an application provided by the department, along with payment of all applicable fees;

A.2. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:919 (May 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1435 (July 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2081 (October 2007).

§4703. Application for Accreditation

A. ...

B. An application for environmental laboratory accreditation shall be made in writing to the Office of Environmental Assessment. This application shall provide all requested information and be accompanied by the appropriate application fee. Information will include at least one satisfactory round of the most recent department-specified proficiency evaluation test results or an analytical data package for test categories where no accessible proficiency tests exist. Supplemental information may be required.

C. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:919 (May 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1435 (July 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2434 (October 2005), LR 33:2081 (October 2007).

§4705. Categories of Accreditation

A. At the time of application each applicant must clearly identify both the fields of testing and the test categories for which accreditation is sought. A copy of the relevant test method documentation and the requisite equipment for the method must be available at the laboratory. A current list of approved methodologies for each parameter/analyte will be maintained by the Office of Environmental Assessment, and a copy of the list will become a part of the application package. In cases where the methodology used by the laboratory is not listed, the laboratory shall submit documentation that will verify that the results obtained from the method in use are equal to or better than those results obtained from the approved methodology. The department will review the data submitted by the laboratory and will notify the laboratory in writing within 60 calendar days if the method is acceptable or unacceptable as an alternate method of analysis.

B. – B.11. ...

C. An accredited laboratory may request the addition of field(s) of testing and test category(ies) to its scope of accreditation at any time. Such a request must be submitted in writing to the Office of Environmental Assessment. Unless the previous on-site inspection can verify the competence of the laboratory to perform the additional tests, another on-site inspection may be required.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:919 (May 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1435 (July 2000), LR 26:2443 (November 2000), repromulgated LR 27:38 (January 2001), amended by the Office of Environmental Assessment, LR 31:1570 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2435 (October 2005), LR 33:2081 (October 2007).

§4711. Proficiency Testing Participation

A. – E. ...

F. Each participating laboratory shall authorize the proficiency test provider to release the results of the proficiency evaluation (PE) test to the Office of Environmental Assessment at the same time that they are submitted to the laboratory. Every laboratory that receives test results that are "unacceptable" for a specific analyte must investigate and identify likely causes for these results, resolve any problems, and report such activity to the Office of Environmental Assessment, along with the submittal of corrective action proficiency sample test results. The laboratory shall report only the analytes for which corrective action was required.

G. – J. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:921 (May 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1436 (July 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2435 (October 2005), LR 33:2081 (October 2007).

Chapter 57. Maintenance of Accreditation

§5707. Changes in Laboratory Operation

A. Changes in laboratory name, ownership, location, personnel, facilities, methodology, or any factors significantly affecting the performance of analyses for which the laboratory was originally accredited shall be reported to the Office of Environmental Assessment within 30 days.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 24:933 (May 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2444 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2435 (October 2005), LR 33:2081 (October 2007).

Subpart 4. Emergency Response Regulations

Chapter 69. Emergency Response Regulations

§6905. Definitions

A. ...

* * *

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1), (14), and (15).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 22:977 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2444 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2081 (October 2007).

§6921. Reporting Requirements

A. No later than 30 days after material from the cleanup and/or abatement of an off-site emergency condition is removed from an emergency response storage facility, the owner or operator of the facility shall submit a written report detailing the ultimate disposition of the material, by mail or fax to SPOC. The report shall be clearly marked "WASTE DISPOSITION REPORT." The report shall reference the department-issued incident number. Other information in the report may include location and date of the emergency incident, name and address of the company transporting the pollutant that resulted from the emergency incident, name and location of the facility where the pollutant is/was stored, and name and location of the facility accepting the pollutant for disposal, recycling, or reuse.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1), (14), and (15).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 22:979 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2444 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2435 (October 2005), LR 33:2082 (October 2007).

Title 33
ENVIRONMENTAL QUALITY
Part III. Air
Chapter 1. General Provisions

§111. Definitions

A. When used in these rules and regulations, the following words and phrases shall have the meanings ascribed to them below.

* * *

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 14:348 (June 1988), LR 15:1061 (December 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:777 (August 1991), LR 21:1081 (October 1995), LR 22:1212 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2444 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 32:808 (May 2006), LR 32:1599 (September 2006), LR 33:2082 (October 2007).

Chapter 2. Rules and Regulations for the Fee System of the Air Quality Control Programs

§211. Methodology

A. Formula to Apportion Fees

Air Toxics Permits Application Fee for major sources of toxic pollutants (based on type of facility and on rated production capacity/throughput)	Surcharge of 10% of the permit application fee to be charged when there is an increase in toxic air pollutant emissions above the Minimum Emission Rates (MER) listed in LAC 33:III.5112, Table 51.1
Air Toxics Annual Emissions Fee for major sources of toxic air pollutants (based on air toxic pollutants emitted)[1]	Variable
Annual Maintenance Fee (based on type of facility and on rated production capacity/throughput)	Variable
New Application Fee (based on type of facility and on rated production capacity/throughput)	Variable
Major and Minor Modification Modified Permit Fee (based on type of facility and on rated production capacity/throughput)	Variable
PSD Application Fee (based on type of facility and on rated production capacity/throughput)	Surcharge of 50% of the application fee when a PSD permit application is being processed
"NESHAP" Maintenance Fee (based on type of facility and on rated production capacity/throughput)	Surcharge of 25% of the Annual Maintenance Fee for that particular process/plant to be added to the Annual Maintenance Fee
"NSPS" Maintenance Fee (based on type of facility and on rated production capacity/throughput)	Surcharge of 25% of the permit application fee to be charged for any permit application that includes the addition of new equipment subject to NSPS regulation
[1] Fees shall be assessed on major sources as defined in LAC 33:III.5103. Sources that have reduced emissions below major source thresholds are not required to submit annual emissions reports in accordance with LAC 33:III.5107.	

B. - B.9. ...

10. When a permanent shutdown occurs and a company properly notifies the Office of Environmental Services by official change in the Emission Inventory Questionnaire (EIQ) and permit, then the maintenance fee would be dropped for that shutdown portion of the process/plant. This fee reduction or cancellation shall apply only in the fiscal years in which the shutdown portion of the plant or process did not operate at all. The EIQ and permit shall also need to be changed to delete the emissions from the shutdown portion of the plant or process before the start of the fiscal year in which the fee would have been charged.

11. – 13.e. …

14. Air Toxics Annual Emissions Fees based on actual annual emissions that occurred during the previous calendar year shall be assessed on *major sources* as defined in LAC 33:III.5103.

15. - 15.b. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 14:611 (September 1988), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1205 (December 1991), LR 18:706 (July 1992), LR 19:1419 (November 1993), amended by the Office of Management and Finance, Fiscal Services Division, LR 22:17 (January 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:264 (February 2000), LR 26:2444 (November 2000), LR 29:2776 (December 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2435 (October 2005), LR 33:2082 (October 2007), LR 33:2620 (December 2007).

§223. Fee Schedule Listing

Table 1. – Table 2, Note 12. …

Note 13. Fees will be determined by aggregating and rounding (e.g., parts of a ton less than 0.50 are invoiced as zero and parts of a ton equal to or greater than 0.50 are invoiced as one ton) actual annual emissions of each class of toxic air pollutants (as delineated in the tables in LAC 33:III.5112) for a facility and applying the appropriate fee schedule for that class. If a facility emits more than 4000 tons per year of any single toxic air pollutant, fees shall be assessed on only the first 4000 tons. In no case shall the fee for this category be less than $132.

Note 14. – Note 20. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054, 2341, and 2351 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 14:613 (September 1988), LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1205 (December 1991), repromulgated LR 18:31 (January 1992), amended LR 18:706 (July 1992), LR 18:1256 (November 1992), LR 19:1373 (October 1993), LR 19:1420 (November 1993), LR 19:1564 (December 1993), LR 20:421 (April 1994), LR 20:1263 (November 1994), LR 21:22 (January 1995), LR 21:782 (August 1995), LR 21:942 (September 1995), repromulgated LR 21:1080 (October 1995), amended LR 21:1236 (November 1995), LR 23:1496, 1499 (November 1997), LR 23:1662 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:267 (February 2000), LR 26:485 (March 2000), LR 26:1606 (August 2000), repromulgated LR 27:192 (February 2001), amended LR 29:672 (May 2003), LR 29:2042 (October 2003), LR 30:1475 (July 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2620 (December 2007).

Chapter 5. Permit Procedures

§501. Scope and Applicability

A. – B.7. ...

8. Any term or condition in a permit that references 40 CFR Part 63, Subpart DDDDD shall be null and unenforceable, unless the condition was included in the permit in lieu of an alternative applicable, enforceable condition. Such terms or conditions shall be removed or modified, as appropriate, in the next modification or renewal of the permit.

C. Scope

1. For each source to which this Chapter applies, the owner or operator shall submit a timely and complete permit application to the Office of Environmental Services as required in accordance with the procedures delineated herein. Permit applications shall be submitted prior to construction, reconstruction, or modification unless otherwise provided in this Chapter.

2. – 13. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011 and 2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:613 (July 1990), LR 17:478 (May 1991), LR 19:1420 (November 1993), LR 20:1281 (November 1994), LR 20:1375 (December 1994), LR 23:1677 (December 1997), amended by the Office of the Secretary, LR 25:660 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2445 (November 2000), LR 28:997 (May 2002), amended by the Office of Environmental Assessment, LR 31:1063 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2436 (October 2005), LR 32:1842 (October 2006), LR 33:2082 (October 2007), LR 33:2626 (December 2007).

§504. Nonattainment New Source Review Procedures

A. – B.5. ...

C. Source Information. The owner or operator of a proposed major stationary source or major modification shall submit all information necessary to the Office of Environmental Services in order to perform any analysis or make any determination required under this regulation. Information shall include, but is not limited to:

C.1. – F.6. ...

7. The owner or operator desiring to utilize emission reductions as an offset shall submit to the Office of Environmental Services the following information:

C.7.a. – M.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:176 (February 1993), repromulgated LR 19:486 (April 1993), amended LR 19:1420 (November 1993), LR 21:1332 (December 1995), LR 23:197 (February 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2445 (November 2000), LR 27:2225 (December 2001), LR 30:752 (April 2004), amended by the Office of Environmental Assessment, LR 30:2801 (December 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2436 (October 2005), LR 31:3123, 3155 (December 2005), LR 32:1599 (September 2006), LR 33:2082 (October 2007).

§505. Acid Rain Program Permitting Requirements

A. ...

B. Copies of documents incorporated by reference in this Section may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html; from the Department of Environmental Quality, Office of Environmental Services; or from a public library.

C. Modifications or Exceptions. A copy of each report or notice or of any other documentation required by the referenced regulations (i.e., 40 CFR Part 72) to be provided to "the Administrator" shall be provided to the Office of Environmental Services by the person required to make the submission to "the Administrator."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993), LR 21:678 (July 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2446 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2429, 2436 (October 2005), LR 32:1598 (September 2006), LR 33:2083 (October 2007).

§506. Clean Air Interstate Rule Requirements

A. – C. ...

D. Copies of documents incorporated by reference in this Section may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html; from the Department of Environmental Quality, Office of Environmental Services; or from a public library.

E. Modifications or Exceptions. A copy of each report or notice or of any other documentation required by the referenced regulations (i.e., 40 CFR Part 96) to be provided to "the Administrator" shall be provided to the Office of Environmental Services by the person required to make the submission to "the Administrator."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:1597 (September 2006), amended LR 33:1622 (August 2007), LR 33:2083 (October 2007).

§507. Part 70 Operating Permits Program

A. – C.2. ...

3. Newly Regulated Sources. The owner or operator of any source that becomes subject to the requirements of this Section after the effective date of the Louisiana Part 70 program due to regulations promulgated by the administrator or by the Department of Environmental Quality shall submit an application to the Office of Environmental Services in accordance with the requirements established by the applicable regulation. In no case shall the required application be submitted later than one year from the date on which the source first becomes subject to this Section.

D. - G.5. …

H. Compliance Measures and Certifications of Compliance. Each permit issued to a Part 70 source shall include the following elements with regard to compliance:

1. compliance certification, testing, monitoring, reporting, and recordkeeping requirements sufficient to assure compliance with the terms and conditions of the permit as required by 40 CFR 70.6(a)(3), including:

a. where an applicable requirement does not require periodic testing or instrumental or noninstrumental monitoring (which may consist of recordkeeping designed to serve as monitoring), periodic monitoring sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit, as reported pursuant to 40 CFR 70.6(a)(3)(iii). Such monitoring requirements shall assure use of terms, test methods, units, averaging periods, and other statistical conventions consistent with the applicable requirement. Recordkeeping provisions may be sufficient to meet the requirements of this Subparagraph;

b. for any document required to be submitted under this Paragraph, a certification by a *responsible official* as defined in LAC 33:III.502 and required by LAC 33:III.517.B.1;

2. - 3. ...

4. a requirement for progress reports to be submitted to the Office of Environmental Compliance at least semiannually, or at a more frequent period if specified in the applicable requirement. Such progress reports shall contain the following:

4.a. – 5.c.v. ...

d. a requirement that all compliance certifications be submitted to the administrator as well as to the Office of Environmental Compliance; and

H.5.e. – J.5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011, 2023, 2024, and 2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1420 (November 1993), LR 20:1375 (December 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2447 (November 2000), LR 27:2229 (December 2001), LR 28:994 (May 2002), LR 29:698 (May 2003), LR 30:1008 (May 2004), amended by the Office of Environmental Assessment, LR 31:1061 (May 2005), LR 31:1568 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2437 (October 2005), LR 32:808 (May 2006), LR 33:1619 (August 2007), LR 33:2083 (October 2007), LR 33:2630 (December 2007).

§510. New Emissions Sources and Major Modifications in Specified Parishes

Repealed.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:2234 (December 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2437 (October 2005), repealed LR 33:2068 (October 2007).

§551. Hazardous Air Pollutant (HAP) Control Technology Requirements for New Sources

A. – B.Similar Source. …

C. Exemptions and Prohibitions. The requirements of this Section do not apply to:

1. *electric utility steam generating units*, as defined in LAC 33:III.5103.A;

2. stationary sources that are within a source category that has been deleted from the source category list in accordance with Section 112(c)(9) of the Clean Air Act; and

3. *research and development activities*, as defined in Subsection B of this Section.

D. – J. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 24:913 (May 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2620 (December 2007).

Chapter 6. Regulations on Control of Emissions through the Use of Emission Reduction Credits Banking

§603. Applicability

A. Major stationary sources are subject to the provisions of this Chapter for the purpose of utilizing emission reductions as offsets in accordance with LAC 33:III.504. Minor stationary sources located in ozone nonattainment areas may submit ERC applications for purposes of banking. Sources located in EPA-designated ozone attainment areas may not participate in the emissions banking program. Any stationary point source at an affected facility is eligible to participate.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:874 (August 1994), amended LR 24:2239 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1622 (September 1999), LR 28:301 (February 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2068 (October 2007).

§605. Definitions

A. …

* * *

Offset—a legally enforceable reduction, approved by the department, in the rate of actual emissions from an existing stationary point source, which is used to compensate for a significant net increase in emissions of NO_x or VOC from a new or modified stationary source in accordance with the requirements of LAC 33:III.504. To be valid, an *offset* must meet the definition of ERC.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:874 (August 1994), LR 25:1622 (September 1999), LR 26:2448 (November 2000), LR 28:301 (February 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2068 (October 2007).

§607. Determination of Creditable Emission Reductions

A. – C.4.a.ii. …

b. Reserved.

C.5. – D. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:877 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1622 (September 1999), LR 28:302 (February 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1601 (September 2006), LR 33:2068 (October 2007).

§613. ERC Bank Recordkeeping and Reporting Requirements

A. – B.1. ...

2. An annual report summarizing all records required by Subsection A of this Section shall be submitted to the department by March 31 of each year. This submittal shall be certified as specified in Subsection C of this Section and submitted to the Office of Environmental Services in a format specified by the department.

3. Repealed.

C. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:877 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1622 (September 1999), LR 26:486 (March 2000), LR 26:2449 (November 2000), LR 28:303 (February 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2437 (October 2005), LR 33:2068, 2083 (October 2007).

§615. Schedule for Submitting Applications

A. – B. …

C. Applications for banking emission reductions that are to be made as part of a project that includes an increase in emissions for which the reduction will serve to offset the increase may be submitted as part of the permit application for the proposed increase. Such reductions will be reviewed for applicability as ERCs concurrently with the review of the permit application.

D. The applicant shall speciate VOC according to individual compounds when applying to bank VOC reductions. Speciation of toxic air pollutants regulated in LAC 33:III.Chapter 51 is required.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:878 (August 1994), amended LR 21:681 (July 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1623 (September 1999), LR 26:486 (March 2000), LR 28:304 (February 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2068 (October 2007).

Chapter 9. General Regulations on Control of Emissions and Emission Standards

§918. Recordkeeping and Annual Reporting

A. Data for emissions reports shall be collected annually. These reports are to be submitted to the Office of Environmental Assessment by March 31 of each year (for the period January 1 to December 31 of the previous year) unless otherwise directed by the department. The report shall include all data applicable to the emissions source or sources as required under LAC 33:III.919.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 22:339 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2450 (November 2000), LR 29:2776 (December 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2438 (October 2005), LR 33:2083 (October 2007).

§919. Emissions Inventory

Emissions inventory data shall be submitted to the department on magnetic media in the format specified by the Office of Environmental Assessment. *Facilities* are defined as all emissions points under common control on contiguous property. *Emissions point* is defined as the source of emissions that should have a Source Classification Code (SCC). Detailed instructions are provided, on an annual basis, for completing and submitting emissions inventories. The state point source emissions inventory will be compiled from the emissions inventories submitted in accordance with this Section from the facilities that meet the criteria for applicability in Subsection A of this Section. The state area source, non-road and on-road mobile source, and biogenic emissions inventories are compiled by the department from data that may be requested from other federal, state, or local agencies or other private entities.

A. Applicability. The owner or operator of the following facilities shall submit annual emissions inventories to the Office of Environmental Assessment. The inventory shall include all air pollutants for which a National Ambient Air Quality Standard (NAAQS) has been issued and all NAAQS precursor pollutants.

A.1. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), repealed and repromulgated by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:184 (February 1993), repromulgated LR 19:485 (April 1993), amended LR 19:1418 (November 1993), LR 20:1101 (October 1994), LR 22:339 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2450 (November 2000), LR 29:2776 (December 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2438 (October 2005), LR 32:241 (February 2006), LR 33:2084 (October 2007).

Chapter 11. Control of Emissions of Smoke

§1105. Smoke from Flaring Shall Not Exceed 20 Percent Opacity

A. The emission of smoke from a flare or other similar device used for burning in connection with pressure valve releases for control over process upsets shall be controlled so that the shade or appearance of the emission does not exceed 20 percent opacity (LAC 33:III.1503.D.2, Table 4) for a combined total of six hours in any 10 consecutive days. If it appears the emergency cannot be controlled in six hours, SPOC shall be notified by the emitter in accordance with LAC 33:I.3923 as soon as possible after the start of the upset period. Such notification does not imply the administrative authority will automatically grant an exemption to the source(s) of excessive emissions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 25:656 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2450 (November 2000), LR 30:1671 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2438 (October 2005), LR 33:2084 (October 2007).

§1107. Exemptions

A. Exemptions from the provisions of LAC 33:III.1105 may be granted by the administrative authority during start-up and shutdown periods if the flaring was not the result of failure to maintain or repair equipment. A report in writing, explaining the conditions and duration of the start-up or shutdown and listing the steps necessary to remedy, prevent, and limit the excess emission, shall be submitted to SPOC within seven calendar days of the occurrence. In addition, the flaring must be minimized and no ambient air quality standard may be jeopardized.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2451 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2438 (October 2005), LR 33:2084 (October 2007).

Chapter 14. Conformity

Subchapter A. Determining Conformity of General Federal Actions to State or Federal Implementation Plans

§1410. Criteria for Determining Conformity of General Federal Actions

A. – A.5.a. ...

i. the total of direct and indirect emissions from the action (or portion thereof) is determined and documented by the department to result in a level of emissions that, together with all other emissions in the nonattainment or maintenance area, would not exceed the emissions budgets specified in the applicable SIP. As a matter of policy, should the department make such determination or commitment, the federal agency must provide to the Office of Environmental Assessment information on all known projects or other actions that may affect air quality or emissions in any area to which this rule is applicable, regardless of whether such project or action is determined to be subject to this rule under LAC 33:III.1405. The department may charge the federal agency requesting such determination a reasonable fee based on the number of manhours required to perform and document the determination; or

A.5.a.ii. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1274 (November 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2451 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2438 (October 2005), LR 33:2084 (October 2007).

Subchapter B. Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded, or Approved under Title 23 U.S.C. or the Federal Transit Act

§1434. Consultation

A. – B.6.a. ...

b. *DEQ*—secretary of the Department of Environmental Quality, or designee;

c. *DOTD*—assistant secretary of the Office of Planning and Programming, or designee;

B.6.d. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1278 (November 1994), repromulgated LR 24:1280 (July 1998), amended LR 24:1684 (September 1998), repromulgated LR 24:1925 (October 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2451 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2085 (October 2007).

Chapter 15. Emission Standards for Sulfur Dioxide

§1507. Exceptions

A. – A.1. ...

a. A written report explaining the conditions and duration of the start-up and listing the steps necessary to remedy, prevent, and limit the excess emissions shall be submitted to SPOC within seven calendar days of the occurrence.

A.1.b. – B.1. ...

a. A written report explaining the conditions and duration of the upset and listing the steps necessary to remedy, prevent, and limit the excess emissions shall be submitted to SPOC within seven calendar days of the occurrence.

B.1.b. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 18:375 (April 1992), LR 23:1678 (December 1997), LR 24:1284 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2451 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2439 (October 2005), LR 33:1011 (June 2007), LR 33:2085 (October 2007).

Chapter 21. Control of Emission of Organic Compounds

Subchapter A. General

§2103. Storage of Volatile Organic Compounds

A. – D.4. ...

a. Controls for nonslotted guide poles and stilling wells shall include pole wiper and gasketing between the well and sliding cover. Controls for slotted guide poles shall include a float with wiper, pole wiper, and gasketing between the well and sliding cover. The description of the method of control and supporting calculations based upon the Addendum to American Petroleum Institute Publication Number 2517, Evaporative Loss from External Floating Roof Tanks, (dated May 1994) shall be submitted to the

Office of Environmental Assessment for approval prior to installation.

D.4.b. – J. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 15:1065 (December 1989), repromulgated LR 16:27 (January 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:360 (April 1991), LR 18:1121 (October 1992), LR 20:1376 (December 1994), LR 21:1223 (November 1995), repromulgated LR 21:1333 (December 1995), amended LR 22:453 (June 1996), LR 22:1212 (December 1996), LR 24:20 (January 1998), LR 24:2242 (December 1998), LR 25:657 (April 1999), LR 25:852 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), LR 28:1763 (August 2002), LR 30:1671 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2439 (October 2005), LR 33:447 (March 2007), LR 33:2085 (October 2007).

§2108. Marine Vapor Recovery

A. – E.5. ...

F. Reporting and Recordkeeping

1. The results of any testing done in accordance with LAC 33:III.2108.E shall be reported to the Office of Environmental Assessment within 45 days of the test.

F.2. – H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 14:704 (October 1988), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:959 (November 1990), LR 22:1212 (December 1996), LR 23:1678 (December 1997), LR 24:20 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), LR 30:745 (April 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2439 (October 2005), LR 33:2085 (October 2007).

§2113. Housekeeping

A. – A.3. ...

4. Each facility shall develop a written plan for housekeeping and maintenance that places emphasis on the prevention or reduction of volatile organic compound emissions from the facility. This plan shall be submitted to the Office of Environmental Services upon request. A copy shall be kept at the facility, if practical, or at an alternate site approved by the department.

5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 16:118 (February 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:361 (April 1991), LR 25:852 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2439 (October 2005), LR 33:2085 (October 2007).

§2116. Glycol Dehydrators

A. – F.4.b. ...

G. Reporting Requirements

1. The owner or operator of a facility shall submit to the Office of Environmental Services a permit application after installation of controls unless exempt from permitting pursuant to LAC 33:III.Chapter 5.

2. If no permit is required pursuant to LAC 33:III.Chapter 5, the owner or operator of a facility shall submit to the Office of Environmental Services a new or updated emission inventory questionnaire after installation of controls.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1107 (October 1994), repromulgated, LR 20:1279 (November 1994), amended LR 21:941 (September 1995), LR 22:1212 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2452 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2440 (October 2005), LR 33:2085 (October 2007).

§2121. Fugitive Emission Control

A. – E.3. ...

F. Reporting Requirements. The operator of the affected facility shall submit to the Office of Environmental Assessment a report semiannually containing the information below for each calendar quarter during the reporting period. The reports are due by the last day of the month (January and July) following the monitoring period or by a date approved by the department. The reports shall include the following information for each quarter of the reporting period:

F.1. – G.Liquid Service. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 16:959 (November 1990), LR 17:654 (July 1991), LR 21:1330 (December 1995), LR 22:1128 (November 1996), LR 22:1212 (December 1996), LR 24:22 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1433 (July 2000), LR 26:2452 (November 2000), LR 30:1659 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2440 (October 2005), LR 33:2086 (October 2007).

§2122. Fugitive Emission Control for Ozone Nonattainment Areas and Specified Parishes

A. – F.3. ...

G. Reporting Requirements. The operator of the affected facility shall submit a report semiannually to the Office of Environmental Assessment containing the information below for each calendar quarter during the reporting period. The reports are due by the last day of the month (January and July) following the monitoring period or by a date approved by the department. The reports shall include the following information for each quarter of the reporting period:

1. – 6. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1102 (October 1994), repromulgated LR 20:1279 (November 1994), amended LR 22:1129 (November 1996), LR 22:1212 (December 1996), repromulgated LR 23:197 (February 1997), amended LR 23:1678 (December 1997), LR 24:22 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2453 (November 2000), LR 28:1764 (August 2002), LR 30:1660 (August 2004), repromulgated by the Office of Environmental Assessment, LR 30:2030 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2440 (October 2005), LR 33:2086 (October 2007).

Subchapter B. Organic Solvents

§2123. Organic Solvents

A. – C, Table. ...

D. Control Techniques

1. If add-on controls such as incinerators or vapor recovery systems are used to comply with the emission limitation requirements, in terms of pounds per gallon of solids as applied (determined in accordance with Paragraph D.8 of this Section), the volatile organic compound capture and abatement system shall be at least 80 percent efficient overall. All surface coating facilities shall submit to the Office of Environmental Services, for approval, design data for each capture system and emission control device that is proposed for use. The effectiveness of the capture system (i.e., capture efficiency) shall be determined using the procedure specified in Paragraph E.6 of this Section.

D.2. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended LR 16:119 (February 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:654 (July 1991), LR 18:1122 (October 1992), LR 22:340 (May 1996), LR 22:1212 (December 1996), LR 23:1678 (December 1997), LR 24:23 (January 1998), LR 24:1285 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1240 (July 1999), LR 26:2453 (November 2000), LR 28:1765 (August 2002), LR 30:746 (April 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2440 (October 2005), LR 33:2086 (October 2007).

Subchapter F. Gasoline Handling

§2132. Stage II Vapor Recovery Systems for Control of Vehicle Refueling Emissions at Gasoline Dispensing Facilities

A. – B.5. ...

6. The regulated facility shall submit the following application information to the Office of Environmental Compliance prior to installation of the Stage II Vapor Recovery System:

6.a. – 7. ...

8. Upon request by the Department of Environmental Quality, the owner or operator of a facility that claims to be exempt from the requirements of this Section shall submit supporting records to the Office of Environmental Compliance within 30 calendar days from the date of the request. The Department of Environmental Quality shall make a final determination regarding the exemption status of a facility.

C. – C.2. ...

D. Testing

1. The owner/operator of the facility shall have the installed vapor recovery equipment tested prior to the start-up of the facility. The owner or operator shall notify the Office of Environmental Compliance at least five calendar days in advance of the scheduled date of testing. Testing must be performed by a contractor that is certified with the Department of Environmental Quality. Compliance with the emission specification for Stage II equipment shall be demonstrated by passing the following required tests or equivalent for each type of system:

1.a. – 2. ...

3. The department reserves the right to confirm the results of the aforementioned testing at its discretion and at any time. Within 30 days after installation or major system modification of a vapor recovery system, the owner or operator of the facility shall submit to the Office of Environmental Compliance the date of completion of the installation or major system modification of a vapor recovery system and the results of all functional testing requirements.

E. – I. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 18:1254 (November 1992), repromulgated LR 19:46 (January 1993), amended LR 23:1682 (December 1997), LR 24:25 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2453 (November 2000), LR 29:558 (April 2003),

amended by the Office of the Secretary, Legal Affairs Division, LR 31:2440 (October 2005), LR 33:2086 (October 2007).

Subchapter M. Limiting Volatile Organic Compound (VOC) Emissions From Industrial Wastewater

§2153. Limiting VOC Emissions from Industrial Wastewater

A. – G.4.a. ...

b. in order to maintain exemption status under this Subsection, the owner or operator shall submit an annual report no later than March 31 of each year, starting in 1997, to the Office of Environmental Assessment that demonstrates that the overall control of VOC emissions at the affected source category from which wastewater is generated during the preceding calendar year is at least 90 percent less than the 1990 baseline emissions inventory. At a minimum, the report shall include the EPN; the PIN; the throughput of wastewater from affected source categories; a plot plan showing the location, EPN, and PIN associated with a wastewater storage, handling, transfer, or treatment facility; and the VOC emission rates for the preceding calendar year. The emission rates for the preceding calendar year shall be calculated in a manner consistent with the 1990 baseline emissions inventory; and

c. all representations in initial control plans and annual reports become enforceable conditions. It shall be unlawful for any person to vary from such representations if the variation will cause a change in the identity of the specific emission sources being controlled or the method of control of emissions, unless the owner or operator of the wastewater component submits a revised control plan to the Office of Environmental Assessment within 30 days of the change. All control plans and reports shall include documentation that the overall reduction of VOC emissions from wastewater at the affected source categories continues to be at least 90 percent less than the 1990 baseline emissions inventory. The emission rates shall be calculated in a manner consistent with the 1990 baseline emissions inventory.

5. ...

a. each request for an exemption determination shall be submitted to the Office of Environmental Assessment. Each request shall demonstrate that the overall control of VOC emissions from wastewater at the affected source categories will be at least 80 percent less than the 1990 baseline emissions inventory. The request shall include the applicable EPN; the PIN; the calendar year throughput of wastewater from affected source categories; the VOC emission rates; and a plot plan showing the location, EPN, and PIN associated with a wastewater storage, handling, transfer, or treatment facility. The emission rates shall be calculated in a manner consistent with the 1990 baseline emissions inventory;

b. ...

c. all representations in initial control plans and annual reports become enforceable conditions. It shall be unlawful for any person to vary from such representations if the variation will cause a change in the identity of the specific emission sources being controlled or the method of control of emissions unless the owner or operator of the wastewater component submits a revised control plan to the Office of Environmental Assessment within 30 days of the change. All control plans and reports shall include documentation that the overall reduction of VOC emissions at the plant from wastewater affected source categories continues to be at least 80 percent less than the 1990 baseline emissions inventory.

G.6. – I. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:936 (September 1995), amended LR 22:1212 (December 1996), LR 24:26 (January 1998), LR 25:850 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2453 (November 2000), LR 28:1765 (August 2002), LR 30:747 (April 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2441 (October 2005), LR 33:2087 (October 2007).

Subchapter N. Method 43—Capture Efficiency Test Procedures

[Editor's Note: This Subchapter was moved and renumbered from Chapter 61 (December 1996).]

§2159. Recordkeeping and Reporting

A. All affected facilities must maintain a copy of the capture efficiency protocol on file. All results of appropriate test methods and CE protocols must be reported to the Office of Environmental Assessment within 60 days of the test date. A copy of the results must be kept on file with the source.

B. If any changes are made to capture or control equipment, the source is required to notify the Office of Environmental Assessment of these changes and a new test may be required.

C. The source must notify the Office of Environmental Assessment 30 days prior to performing any capture efficiency and/or control efficiency tests.

D. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:653 (July 1991), amended LR 22:1212 (December 1996), LR 23:1680 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2454 (November 2000), LR 27:1224 (August 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2087 (October 2007).

Chapter 22. Control of Emissions of Nitrogen Oxides (NO_x)

§2201. Affected Facilities in the Baton Rouge Nonattainment Area and the Region of Influence

A. – F.7. ...

a. the facility designation, as indicated by the identification number, submitted to the Office of Environmental Services;

F.7.b. – J.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:290 (February 2002), repromulgated LR 28:451 (March 2002), amended LR 28:1578 (July 2002), LR 30:748 (April 2004), LR 30:1170 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2441 (October 2005), LR 33:2088 (October 2007).

Chapter 23. Control of Emissions for Specific Industries[1]

[1] Regulation of emissions of volatile organic compounds for certain industries are presented in Chapter 21.

Subchapter A. Chemical Woodpulping Industry

§2301. Control of Emissions from the Chemical Woodpulping Industry

A. – D.4. ...

a. Compliance. Owner or operators shall conduct source tests of recovery furnaces pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in Paragraph D.1 of this Section. The results shall be submitted to the Office of Environmental Assessment as specified in LAC 33:III.919 and 918. The testing should be conducted as follows:

D.4.a.i. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 19:1564 (December 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2454 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2442 (October 2005), LR 32:1841 (October 2006), LR 33:2088 (October 2007).

Subchapter B. Aluminum Plants

§2303. Standards for Horizontal Stud Soderberg Primary Aluminum Plants and Prebake Primary Aluminum Plants

A. – D.4. ...

E. Monitoring. Each horizontal stud Soderberg process primary aluminum plant and prebake process primary aluminum plant shall submit a detailed monitoring program subject to revision and approval by the Office of Environmental Assessment. The program shall include regularly scheduled monitoring for emissions of total particulates as well as ambient air sampling for suspended particulates.

> [NOTE: Measurement of Concentrations. The methods listed in LAC 33:III.711.C, Table 2 and LAC 33:III.1503.D.2, Table 4, or such equivalent methods as may be approved by the department, shall be utilized to determine these particulate concentrations.]

F. – F.1.d. ...

2. Every horizontal stud Soderberg process primary aluminum plant and prebake process primary aluminum plant shall furnish, upon request, to the department such other data as the administrative authority may require to evaluate the plant's emission control program. Such plants shall immediately report any unauthorized emissions of any air contaminants to SPOC in accordance with LAC 33:I.3923.

G. – G.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2455 (November 2000), LR 30:1672 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2442 (October 2005), LR 33:2088 (October 2007).

Subchapter D. Nitric Acid Industry

§2307. Emission Standards for the Nitric Acid Industry

A. – B. ...

C. Exceptions

1. Start-Up Provisions

a. A four-hour start-up exemption from emission regulations may be authorized by the administrative authority for plants not subject to 40 CFR Part 60, Subpart G, as incorporated by reference in LAC 33:III.Chapter 30, which have been shut down. It is recognized that existing nitrogen oxide abatement equipment is effective only at normal operating temperatures. This provision allows the necessary time to bring up a facility from a cold start to near steady state condition. A report, in writing, explaining the conditions and duration of the start-up and listing the steps necessary to remedy, prevent, and limit the excess emissions, shall be submitted to SPOC within seven calendar days of the occurrence using the procedures provided in LAC 33:I.3925.

b. ...

2. On-Line Operating Adjustments

a. A four-hour exemption from emission regulations may be extended by the administrative authority to plants not subject to 40 CFR Part 60, Subpart G, as incorporated by reference in LAC 33:III.Chapter 30, where upsets have caused excessive emissions and on-line operating changes will eliminate a temporary condition. A report, in writing, explaining the conditions and duration of the upset and listing the steps necessary to remedy, prevent, and limit the excess emissions, shall be submitted to SPOC within seven calendar days of the occurrence using the procedures provided in LAC 33:I.3925.

C.2.b. – H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 13:741 (December 1987), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1680 (December 1997), LR 24:1286 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2455 (November 2000), LR 30:1672 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2442 (October 2005), LR 33:2088 (October 2007).

Chapter 25. Miscellaneous Incineration Rules

Subchapter B. Biomedical Waste Incinerators

§2511. Standards of Performance for Biomedical Waste Incinerators

A. – B.Type IV Waste. ...

C. Registration

1. Within 90 days after adoption of these regulations, all facilities operating incinerators designed or operated for the purpose of burning potentially infectious medical waste, shall submit a supplemental incinerator data form (SID-1) to SPOC.

C.2. – E.6.e. ...

7. A copy of all monitoring and tests results shall be submitted to the Office of Environmental Assessment for review and approval within 45 days of completion of testing.

F. – K. ...

L. Recordkeeping/Reporting. The owner or operator of any BWI shall keep a daily record of the hours the unit was in operation and the amount of waste incinerated. A separate record shall be kept of all chemotherapeutic waste incinerated that is not listed under the Resource Conservation and Recovery Act, 40 CFR 261.33(f). This record shall show the name of the material, date and time incinerated, and amount burned. Records shall be submitted to the Office of Environmental Compliance by March 31 for the previous calendar year.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1098 (October 1994), amended LR 21:1081 (October 1995), LR 22:1212 (December 1996), LR 23:1680 (December 1997), LR 24:1286 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2455 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2442 (October 2005), LR 33:2089 (October 2007).

Subchapter C. Refuse Incinerators

§2521. Refuse Incinerators

A. – F.9.e. ...

10. A copy of all monitoring and tests results shall be submitted to the Office of Environmental Assessment for review and approval within 45 days of completion of testing.

G. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1100 (October 1994), amended LR 22:1212 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2456 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2443 (October 2005), LR 33:2089 (October 2007).

Subchapter D. Crematories

§2531. Standards of Performance for Crematories

A. – I.1.f. ...

2. A copy of all test results shall be submitted to the Office of Environmental Assessment for review and approval within 45 days of completion of testing.

J. – J.1.d. ...

2. The owner/operator shall provide the Office of Environmental Assessment at least 30 days prior notice of any emission test to afford the department the opportunity to conduct a pretest conference and to have an observer present. The department has the authority to invalidate any testing where such notice is not provided.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:1107 (October 1994), amended LR 22:1127 (November 1996), LR 22:1212 (December 1996), LR 23:1509 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2456 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2443 (October 2005), LR 33:2089 (October 2007).

Chapter 27. Asbestos-Containing Materials in Schools and State Buildings Regulation

§2701. Asbestos-Containing Materials in Schools and State Buildings

A. – B.3.b. ...

i. a copy of the inspection report must be submitted to the Office of Environmental Services within 90 days of the inspection; and

b.ii. – c. ...

C. Scope

1. This regulation requires local education agencies and the state government to identify friable and nonfriable asbestos-containing material (ACM) in schools and state buildings by visually inspecting schools and state buildings for such materials, sampling such materials if they are not assumed to be ACM, and having samples analyzed by appropriate techniques referred to in this rule. The regulation requires local education agencies and the state government to submit management plans to the Office of Environmental Services on or before 90 days after promulgation of this regulation, to begin to implement the plans 180 days after promulgation of this regulation, and to complete implementation of the plans in a timely fashion. If an exemption is requested for a state building that contains no asbestos, an inspection report supporting that exemption should be submitted in accordance with Clause B.3.b.i of this Section. Management plans submitted to and approved by the Department of Environmental Quality prior to the promulgation of this regulation shall meet the inspection and assessment requirements of this Chapter. In addition, local education agencies and the state government are required to employ persons who have been accredited to conduct inspections, reinspections, develop management plans, or perform response actions. The regulation also includes recordkeeping requirements. Local education agencies and the state government may contractually delegate their duties under this rule, but they remain responsible for the proper performance of those duties. Local education agencies and the state government are encouraged to consult with the Office of Environmental Compliance of the Department of Environmental Quality for assistance in complying with this Rule.

C.2. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended LR 16:1056 (December 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:698 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2456 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2443 (October 2005), LR 33:2089 (October 2007).

§2719. Operations and Maintenance

A. – F.2.b. ...

c. Provide a prompt notification to SPOC of the major fiber release episode in accordance with LAC 33:I.3923 within 24 hours of the discovery of such an episode, and in writing as specified in LAC 33:I.3925 within seven calendar days after the initial notification.

d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:699 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2456 (November 2000), LR 30:1672 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2444 (October 2005), LR 33:2090 (October 2007).

§2723. Management Plans

A. ...

1. Each local education agency or the state government shall develop an asbestos management plan for each school, including all buildings that are leased, owned, or otherwise used as school or state buildings, and submit the plan to the Office of Environmental Services. After June 20, 1994, each plan must include Form AAC-8, Required Elements for Management Plans (latest revised form can be obtained from the Office of Environmental Services or through the department's website). The plan may be submitted in stages that cover portions of the school or state building under the authority of the local education agency or the state government before the deadline specified in LAC 33:III.2701.C.

2. If a building to be used as part of a school or state building is leased or otherwise acquired more than 90 days after promulgation of this regulation, the local education agency or the state government shall include the new building in the management plan for the school or state building prior to its use as a school or state building. The revised portions of the management plan shall be submitted to the Office of Environmental Services.

3. If a local education agency or the state government begins to use a building as a school or state building more than 90 days after promulgation of this regulation, the local education agency or the state government shall submit a management plan for the school or state building to the Office of Environmental Services prior to its use as a school or state building. Each plan developed or modified after June 20, 1994 must include Form AAC-8, Required Elements for Management Plans.

B. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:700 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2457 (November 2000), amended by the Office of Environmental Assessment, LR 30:2021 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2444 (October 2005), LR 33:2090 (October 2007).

§2735. Exclusions

A. – A.3.a. ...

b. Within 30 days after the inspector's determination, the local education agency or the state government shall submit a copy of the inspector's statement to the Office of Environmental Services and shall include the statement in the management plan for that school or state building.

4. – 5. ...

6. Based on inspection records and contractor and clearance records, an accredited inspector has determined that no ACBM is present in the homogeneous or sampling area where asbestos removal operations have been conducted before December 14, 1987, and shall sign and date a statement to that effect and include his or her accreditation number. The local education agency or the state government shall submit a copy of the statement to the Office of Environmental Services and shall include the statement in the management plan for that school or state building.

7. An architect or project engineer responsible for the construction of a new school building built after October 12, 1988, or an accredited inspector signs a statement that no ACBM was specified as a building material in any construction document for the building or, to the best of his or her knowledge, no ACBM was used as a building material in the building. The local education agency or the state government shall submit a copy of the signed statement of the architect, project engineer, or accredited inspector to the Office of Environmental Services and shall include the statement in the management plan for that school or state building.

B. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:700 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2457 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2444 (October 2005), LR 33:2090 (October 2007).

§2799. Appendix A—Agent Accreditation Plan

Appendix A—Agent Accreditation Plan

The duration of initial and refresher training courses is specified in numbers of days. A day of training equals eight consecutive hours, including breaks and lunch.

In several instances, initial training courses for a specific discipline (e.g., workers, inspectors) require hands-on training. For asbestos abatement supervisors and workers, hands-on training should include working with asbestos-substitute materials, fitting and using respirators, use of glove-bags, donning protective clothing, constructing a decontamination unit, as well as other abatement work activities. Hands-on training must permit all supervisors and workers to have actual experience performing tasks associated with asbestos abatement. For inspectors, hands-on training should include conducting a simulated building walk-through inspection and respirator fit testing.

Training requirements for each of the five accredited disciplines are outlined below. Persons in each discipline perform a different job function and distinct role. Inspectors identify and assess the condition of ACBM, or suspect ACBM. Management planners use data gathered by inspectors to assess the degree of hazard posed by ACBM in schools to determine the scope and timing of appropriate response actions needed for schools. Project designers determine how asbestos abatement work should be conducted. Lastly, workers and contractor/supervisors carry out and oversee abatement work. Each accredited discipline and training curriculum is separate and distinct from the others. A person seeking accreditation in any of the five accredited MAP disciplines cannot attend two or more courses concurrently, but may attend such courses sequentially. All courses, both initial and refresher, shall be completed within 14 days of the commencement of the course.

A. – E.2. ...

a. A completed Asbestos Accreditation Affidavit, Form AAC-1 (which may be obtained from the Office of Environmental Services or through the department's website) that contains:

a.i. – e. ...

3. The completed application with applicable fees (LAC 33:III.223) is to be sent to the Office of Environmental Services.

4. – 8.a. ...

b. for failure to notify the Office of Environmental Services of changes in status;

E.8.c. – F. ...

1. Submit the latest revision of the Asbestos Training Organization Recognition Application, Form AAC-3, (which may be obtained from the Office of Environmental Services or through the department's website) requesting approval to train asbestos agents.

2. – 2.g. ...

3. The completed application with applicable fees for organization and trainer recognition (LAC 33:III.223) are to be sent to the Office of Environmental Services.

4. – 5.a. ...

b. The recognized training organization must keep the Office of Environmental Services informed of any change in status of the training organization, such as pending fines, notices of violation, changes in instructor status, etc.

c. A notification of which courses will be taught, including where, when, and who will conduct the class, must be submitted to the Office of Environmental Services.

i. The notification must be received in writing by the Office of Environmental Services at least five days prior to class commencement. (Notification must be made at least three days prior to a course when only the state regulations are to be taught.)

ii. Cancellation of classes must be received by the Office of Environmental Services before the class should have commenced.

d. Within 10 days of the completion of a class a complete roster of trainees, their driver's license or state identification numbers and the issuing states, and their examination grades, with a 1" x 1 1/4" photograph of the face of each trainee, must be submitted to the Office of Environmental Services on a form approved by the department.

e. The Office of Environmental Services must be notified by phone or in writing of changes in class schedules prior to the date when the course was to have commenced.

f. – k.v. ...

6. Applications for trainer recognition shall be completed using the latest revision of the Asbestos Trainer Recognition Form, AAC-4 (latest revision of the form may be obtained from the Office of Environmental Services or through the department's website). A resume indicating proof of experience as described in Clause F.2.d.ii of this Appendix must be attached. The completed application with applicable fees (LAC 33:III.223) is to be sent to the Office of Environmental Services.

7. – 9.e.ii. ...

iii. If a training provider ceases to conduct training, the training provider shall notify the Office of Environmental Services and give it the opportunity to take possession of that providers asbestos training records.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2344 and 40:1749.1.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Air Quality Division, LR 15:735 (September 1989), amended LR 16:397 (May 1990), LR 16:1057 (December 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:649 (June 1994), LR 22:700 (August 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2458 (November 2000), amended by the Office of Environmental Assessment, LR 30:2022 (September 2004), LR 30:2803 (December 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2444 (October 2005), LR 33:2090 (October 2007).

Chapter 28. Lead-Based Paint Activities—Recognition, Accreditation, Licensure, and Standards for Conducting Lead-Based Paint Activities

§2805. Recognition and Standards for Training Providers

A. – A.1. ...

2. A training provider seeking recognition shall submit to the Office of Environmental Services the appropriate fees, as required in LAC 33:III.223, a completed LPF-4 form, and a completed LPF-5 form for each trainer to be recognized, containing the following information:

A.2.a. – B.8.g. ...

9. the training provider shall submit rosters, including photographs of participants, to the Office of Environmental Services within 10 working days of course completion. For each course, the training provider shall provide three photographs of each student:

B.9.a. – C.5.h. ...

D. Renewal of Training Provider's Recognition

1. A training provider seeking renewal of its recognition shall submit, along with the appropriate fees as required in LAC 33:III.223, a completed LPF-4 Form and a completed LPF-5 Form for each trainer to be recognized to the Office of Environmental Services 60 days prior to its expiration date. If a training provider does not submit its renewal application by that date, the department cannot guarantee the application will be reviewed and acted upon before the end of the one-year period.

2. – 3. ...

E. Notification Requirements. A training provider scheduling lead-based paint activities courses shall notify the Office of Environmental Services in writing as follows:

E.1. – G.3. ...

4. The training provider shall notify the Office of Environmental Services 30 days prior to relocating its business or transferring its records.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2351 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1666 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2459 (November 2000), LR 28:2337 (November 2002), amended by the Office of Environmental Assessment, LR 30:2804 (December 2004),

amended by the Office of the Secretary, Legal Affairs Division, LR 31:2445 (October 2005), LR 33:642 (April 2007), LR 33:2091 (October 2007).

§2807. Accreditation of Individuals

A. – C.1. ...

a. submit a completed and signed application form to the Office of Environmental Services;

1.b. – 2. ...

D. Reaccreditation

1. To maintain accreditation individuals must be annually recertified by the Office of Environmental Services.

2. – 2.a. ...

b. submit a copy of the refresher course completion certificate to the Office of Environmental Services;

D.2.c. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2351 et seq.
HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1669 (December 1997), amended LR 24:2240 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2459 (November 2000), LR 28:2337 (November 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2446 (October 2005), LR 33:643 (April 2007), LR 33:2092 (October 2007).

§2809. Licensure of Lead Contractors

A. Licensure Requirements

1. In order to bid and/or perform abatement activities, lead contractors must obtain a lead-based paint abatement and removal license from the State of Louisiana Licensing Board for Contractors. Prior to obtaining an initial or renewal license, the lead contractor must submit an application for approval, along with the appropriate fees as required in LAC 33:III.223, to the Office of Environmental Services and certify to the department that the following criteria have been, or will be, met.

A.1.a. – B.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2351 et seq.
HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1671 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2459 (November 2000), LR 28:2338 (November 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2446 (October 2005), LR 33:643 (April 2007), LR 33:2092 (October 2007).

§2811. Work Practice Standards for Conducting Lead-Based Paint Activities for Target Housing and Child-Occupied Facilities

A. – E.3. ...

4. The lead contractor shall notify the Office of Environmental Services in writing of abatement activities.

a. ...

b. The project shall not start before the start date noted on the Lead Project Notification (LPN). The Office of Environmental Services shall be notified if the operation will stop for a day or more during the project time noted on the LPN or if the project has been canceled or postponed. The firm shall also give notice 24 hours before the completion of a project. Notice shall be submitted to the department with written follow-up and fax notification to the appropriate regional office.

4.c. – 13. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2351 et seq.
HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:1672 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2459 (November 2000), repromulgated LR 27:39 (January 2001), amended LR 28:2338 (November 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2446 (October 2005), LR 33:644 (April 2007), LR 33:2092 (October 2007).

Chapter 30. Standards of Performance for New Stationary Sources (NSPS)

Subchapter A. Incorporation by Reference

§3003. Incorporation by Reference of 40 *Code of Federal Regulations* (CFR) Part 60

A. – B. ...

1. Whenever the referenced regulations (i.e., 40 CFR Part 60) provide authority to "the Administrator," such authority, in accordance with these regulations, shall be exercised by the administrative authority or his designee, notwithstanding any authority exercised by the U.S. Environmental Protection Agency (EPA). Reports, notices, or other documentation required by the referenced regulations (i.e., 40 CFR Part 60) to be provided to "the Administrator" shall be provided to the Office of Environmental Assessment, where the state is designated authority by EPA as "the Administrator," or shall be provided to the Office of Environmental Assessment and EPA, where EPA retains authority as "the Administrator."

2. 40 CFR Part 60, Subpart A, Section 60.4 (b)(T) shall be modified to read as follows: State of Louisiana: Office of Environmental Assessment, Department of Environmental Quality.

3. - .9., table …

10. The definitions of *commercial and industrial solid waste incineration (CISWI) unit*, *commercial or industrial waste*, and *solid waste* do not include the revisions to the

definitions in 40 CFR 60.2265 and 60.2875, promulgated by the EPA on September 22, 2005 (70 FR 55568-55581).

C. Copies of documents incorporated by reference in this Chapter may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html, from the Department of Environmental Quality, Office of Environmental Services, or from a public library.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 22:1212 (December 1996), amended LR 23:1681 (December 1997), LR 24:1287 (July 1998), LR 24:2238 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1239 (July 1999), LR 25:1797 (October 1999), LR 26:1607 (August 2000), LR 26:2460, 2608 (November 2000), LR 27:2229 (December 2001), LR 28:994 (May 2002), LR 28:2179 (October 2002), LR 29:316 (March 2003), LR 29:698 (May 2003), LR 30:1009 (May 2004), amended by the Office of Environmental Assessment, LR 31:1568 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2446 (October 2005), LR 32:809 (May 2006), LR 32:1596 (September 2006), LR 33:1620 (August 2007), LR 33:2092 (October 2007), LR 33:2626 (December 2007).

Chapter 51. Comprehensive Toxic Air Pollutant Emission Control Program

Subchapter A. Applicability, Definitions, and General Provisions

§5101. Applicability

A. The provisions of this Subchapter and LAC 33:III.905 apply to the owner or operator of any *major source*, as defined in LAC 33:III.5103, unless exempted under LAC 33:III.5105.B.

B. The provisions of LAC 33:III.905, 5105.A.1, 3, and 4, and 5113 apply to the owner or operator of any stationary source that was a major source upon promulgation of this Subchapter (as of December 20, 1991), but that has achieved minor source status through reduction of emissions and reduction of potential to emit.

C. The provisions of this Subchapter do not apply to the consumer use, in a duration and frequency intended by the manufacturer, of products obtained through retail commerce, or to activities conducted on residential property. The provisions of this Subchapter do not apply to the distribution or application of pesticides.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1362 (December 1992), LR 23:56 (January 1997), LR 24:1276 (July 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2620 (December 2007).

§5103. Definitions, Units, and Abbreviations

A. The terms in this Subchapter are used as defined in LAC 33:III.111 except for those terms defined herein as follows.

* * *

Potential to Emit—the maximum capacity of a stationary source to emit a pollutant under its physical or operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, shall be treated as part of the design if the limitation or the effect it would have on emissions is specified by an existing state permit or a permit issued under a program to prevent the significant deterioration of air quality.

***

Source Category—a classification of sources identified by EPA pursuant to Section 112(c) of the Federal Clean Air Act.

***

Virgin Fossil Fuel—any solid, refined solid, refined liquid, or refined or natural gaseous fossil fuel with a Btu content greater than 7,000 Btu/lb that is not blended with reprocessed or recycled fuels. Group 1 *virgin fossil fuels* consist of natural gas, liquid petroleum gas, distillate fuel oil, gasoline, and diesel fuel. Group 2 *virgin fossil fuels* consist of coal, residual fuel oil, and petroleum coke.

* * *

B. - B.4, std. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1362 (December 1992), LR 23:57 (January 1997), LR 24:1276 (July 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2621 (December 2007).

§5105. Prohibited Activities and Special Provisions

A. – A.1. …

2. After December 20, 1991, no owner or operator of any major source shall cause a violation of any ambient air standard listed in LAC 33:III.5112, Table 51.2, unless operating in accordance with LAC 33:III.5109.B.

A.3. – B.1. …

2. Electric utility steam-generating units are exempt from the requirements of this Subchapter.

3. Each of the following emissions are exempt from the requirements of this Subchapter:

a. emissions from the combustion of Group 1 virgin fossil fuels;

b. emissions from the combustion of Group 2 virgin fossil fuels vented from a stack that has downwash minimization stack height or a height approved by the department; and

c. emissions from the combustion of gas streams with a Btu value of greater than 7,000 Btu/lb that are generated by onsite operations, collected by a *fuel gas system* as defined in 40 CFR 63, Subpart G, and used as fuel.

4. Any source, as defined in accordance with rules promulgated by the United States Environmental Protection Agency under provisions in Section 112(i)(5) of the federal Clean Air Act, that is in compliance with an enforceable commitment approved by the administrative authority* to achieve early reductions of 90 percent or more (95 percent for particulates), or that has demonstrated early reductions of 90 percent or more (95 percent for particulates), in accordance with such rules, shall be exempt from MACT requirements under LAC 33:III.5109.A. The term of exemption shall extend until such time as the compliance extension granted by the administrative authority or the U.S. Environmental Protection Agency has expired, or until nine years from the anticipated date of promulgation of applicable federal MACT standards according to the schedule published by the U.S. Environmental Protection Agency in accordance with Section 112(e)(3) of the federal Clean Air Act, whichever date is earlier. Under no circumstances shall this provision be used to grant an exemption to a source under conditions that do not result in a net air quality benefit for the state of Louisiana, as determined by the administrative authority. Under no circumstances shall the granting of such an exemption to a source relieve any source of other obligations under state or federal law.

5. In accordance with R.S. 30:2060, except under circumstances that may reasonably be expected to pose a threat to human health, whether or not such units are in a contiguous area or under common control, in determining the applicability of emission standards or technical control standards the administrative authority shall not aggregate:

a. emissions from any oil or gas exploration or production well and its associated equipment;

b. emissions from any pipeline compressor or pump station; or

c. emissions from other similar units.

6. The emissions from the remediation of a RCRA, CERCLA, or any nonregulated inactive or abandoned waste site cleanup shall be exempt from the ambient air standards of LAC 33:III.5112, Table 51.2, upon approval of the cleanup plan by the administrative authority.

7. Emissions from the combustion of wood residue fuel from pulp and paper mills are exempt from the provisions of LAC 33:III.5109.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:2104 (December 1991), amended LR 18:1362 (December 1992), LR 21:370 (April 1995), LR 23:58 (January 1997), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2621 (December 2007).

§5107. Reporting Requirements, Availability of Information, and Public Notice Provisions

A. Annual Emissions Reporting. The owner or operator of any major source that meets the applicability requirements in LAC 33:III.5101.A and emits any toxic air pollutant listed in LAC 33:III.5112, Table 51.1 or 51.3, shall submit a completed annual emissions report to the Office of Environmental Assessment in a format specified by the department. The owner or operator shall identify on the emissions report the quantity of emissions in the previous calendar year for any such toxic air pollutant emitted. Beginning with the report due in 2008, the annual emissions report shall meet the following requirements.

1. The owner or operator of any major source subject to the requirements in this Subsection shall submit a completed annual emissions report to the Office of Environmental Assessment on or before March 31 of each year, unless otherwise directed by the administrative authority, that shall identify the quantity of emissions of all toxic air pollutants listed in LAC 33:III.5112, Table 51.1 or 51.3, for the previous calendar year.

2. Annual emissions reports and revisions to any emissions report shall include a certification statement that attests that the information contained in the emissions report is true, accurate, and complete, and that is signed by a *responsible official*, as defined in LAC 33:III.502. The certification statement shall include the full name of the responsible official, his or her title and signature, the date of the signature, and the phone number of the responsible official.

B. Discharge Reporting Requirements

1. Emergency Conditions. For any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property), the owner or operator of the source shall immediately, but in no case later than one hour, notify the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 (collect calls accepted 24 hours a day).

2. Emission Control Bypasses. Except as provided in Paragraph B.6 of this Section, for any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass

is greater than one pound and there is no MER or RQ for the substance in question, the owner or operator of the source shall provide prompt notification to SPOC of the bypass no later than 24 hours after the beginning of the bypass in the manner provided in LAC 33:I.3923. Where the emission control bypass was the result of an upset, the owner or operator shall comply with Paragraph B.3 of this Section.

3. Nonemergency Conditions. Except as provided in Paragraph B.6 of this Section, for any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, the owner or operator of the source shall immediately, but in no case later than 24 hours, provide prompt notification to SPOC in the manner provided in LAC 33:I.3923.

4. Written Reports. For every such discharge or equipment bypass as referred to in Paragraphs B.1, 2, and 3 of this Section, the owner or operator shall submit to SPOC a written report by certified mail within seven calendar days of learning of the discharge.

a. The report shall contain the following information:

i. the identity of the source;

ii. the date and time of the discharge;

iii. the cause of the discharge;

iv. the approximate total loss during the discharge;

v. the method used for determining the loss;

vi. any action taken to prevent the discharge;

vii. the action taken to minimize the discharge; and

viii. the measures adopted to prevent future discharges.

b. If written notification of the discharge or bypass is required to be submitted pursuant to LAC 33:I.3925, such notification shall fulfill the obligation to submit a written report under this Paragraph.

5. All discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, if they can be measured and can be reliably quantified using good engineering practices, must be reported to the department along with the annual emissions report and where otherwise specified in the applicable subchapters. The report shall include the following information:

a. the identity of the source;

b. the date and time of the discharge; and

c. the approximate total loss during the discharge.

6. Leaks detected pursuant to specific leak detection and elimination requirements of any Subchapter of this Chapter shall be recorded and/or reported as required in that Subchapter and shall not be subject to Paragraphs B.2, 3, and 4 of this Section.

C. …

D. Public Notice Provisions. The administrative authority shall provide at least 30 days for public comment and shall give notice of any public hearing at least 30 days in advance of the hearing before granting approval for construction or issuing any permit that would:

1. allow a permitted increase in any Class 1 or Class 2 Louisiana toxic air pollutant by an amount greater than the minimum emission rate; or

2. allow the addition of any new point source or emission unit that would emit a Class 1 or Class 2 Louisiana toxic air pollutant by an amount greater than the minimum emission rate.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2060 and 2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1363 (December 1992), LR 19:890 (July 1993), amended by the Office of the Secretary, LR 19:1022 (August 1993), repromulgated LR 19:1142 (September 1993), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:58 (January 1997), LR 24:1276 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2004 (September 2000), LR 26:2460 (November 2000), LR 29:2778 (December 2003), LR 30:1673 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2447 (October 2005), LR 33:2093 (October 2007), LR 33:2622 (December 2007).

§5109. Emission Control and Reduction Requirements and Standards

A. Maximum Achievable Control Technology (MACT) Requirements

1. The owner or operator of any major source that emits or is permitted to emit a Class I or Class II toxic air pollutant at a rate equal to or greater than the minimum emission rate listed for that pollutant in LAC 33:III.5112, Table 51.1, shall control emissions of that toxic air pollutant to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by the administrative authority.

2. Compliance with an applicable federal standard promulgated by the US EPA in 40 CFR Part 63 shall constitute compliance with this Subsection for emissions of toxic air pollutants.

3. MACT determination for sources not regulated by a federal MACT standard shall be determined by the administrative authority through the permitting process using the existing state MACT determination method or protocol.

B. Ambient Air Standard Requirements. The owner or operator of any major source that emits, or is permitted to emit, any toxic air pollutant at a rate equal to or greater than

the minimum emission rate listed for that toxic air pollutant shall determine the status of compliance, beyond the source's property line, with applicable ambient air standards listed in LAC 33:III.5112, Table 51.2. (See LAC 33:III.5105.A.2.)

1. New major sources shall demonstrate compliance with an ambient air standard in an application for a permit in accordance with LAC 33:III.5111.

2. The owner or operator shall achieve compliance with the ambient air standard unless the owner or operator demonstrates to the satisfaction of the administrative authority:

a. that compliance with an ambient air standard would be economically infeasible;

b. that the source's emissions could not reasonably be expected to pose a threat to public health or the environment; and

c. that the source's emissions would be controlled to a level that is Maximum Achievable Control Technology.

3. The administrative authority shall publish a public notice of and hold a public hearing on any preliminary determination to allow a source to exceed the ambient air standard for any toxic air pollutant listed in LAC 33:III.5112, Table 51.2. Within 90 days after the close of the public hearing on the preliminary determination, the administrative authority shall make a final determination, which is subject to review on a five-year basis or at any other time deemed appropriate by the administrative authority.

4. The administrative authority shall periodically, at least every 36 months, review and update the ambient air standards listed for each toxic air pollutant in LAC 33:III.5112, Table 51.2.

C. Standard Operating Procedure Requirements

1. The requirements of this Subsection do not apply to emissions of any of those pollutants listed in LAC 33:III.5112, Table 51.3, or to sources complying with applicable federal standards in 40 CFR Part 63.

2. The owner or operator of any new or existing source required to report emissions in accordance with LAC 33:III.5107.A shall develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in this Chapter. The SOP shall detail all operating procedures or parameters established by the owner or operator to ensure that compliance with the applicable standards is maintained, and shall address, but not be limited to, operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. A written copy of the SOP must be available on site or at an alternate approved location for inspection by the administrative authority. A copy of the SOP must be provided within 30 days upon request by the department.

D. Compliance Timing

1. The department may take appropriate enforcement action to address the failure by an existing major source to submit a Compliance Plan or Certification of Compliance, which submittal was required by Paragraph A.1 or 2, and Paragraph B.1 or 2, of this Section as promulgated in the *Louisiana Register* on December 20, 1991, at LR 17:1204, until December 20, 2007.

2. A new source shall be in compliance with the MACT regulations upon initial start-up of the source.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1363 (December 1992), LR 19:891 (July 1993), LR 23:59 (January 1997), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2623 (December 2007).

§5111. Permit Requirements, Application, and Review

A. Major Source Permit Requirements. Before commencement of the construction of any new source or any modification that will result in an increase in emissions of any toxic air pollutant or will create a new point source that emits a toxic air pollutant, the owner or operator of such source shall obtain a Louisiana air permit in accordance with LAC 33:III.501 and Subsection B of this Section and in accordance with LAC 33:I.1701.

B. Contents of Application for a Louisiana Air Permit

1. An owner or operator may submit to the Office of Environmental Services, by certified mail, a written request for a determination of whether actions intended to be taken by the owner or operator constitute construction or modification, or the commencement thereof, of a stationary source. The administrative authority will notify the owner or operator of the determination within 30 days after receiving sufficient information to evaluate the request.

2. - 2.b. …

c. technical information describing the proposed nature, size, design, operating design capacity, and method of operation of the source, including a description of intended controls and monitoring procedures. Such technical information shall include estimation of emissions prior to and after installation of emission control equipment or adoption of control measures, calculations of emission estimates in sufficient detail to allow assessment of the validity of the calculations, and documentation of methods or sources of information used in these determinations. Emissions of toxic air pollutants shall be speciated to identify each toxic air pollutant emitted from each emission point at the source and to identify fugitive emissions of toxic air pollutants.

3. Each application for a permit to modify an existing major source facility shall include, in addition to the information required in Paragraph B.2 of this Section, the following information:

a. - b. …

c. calculations of estimates of emissions before and after the changes are completed, in sufficient detail to allow assessment of the validity of the calculations;

d. for sources that have been operating in Louisiana for a period of at least five years, a listing of all violations of Louisiana air quality laws or regulations for which the owner or operator is responsible, including all violations for which a compliance schedule has been established and which have been cited in administrative enforcement actions by the department, and for which all rights of review and appeal have been exhausted. Applicants under a compliance schedule shall also demonstrate that they have made satisfactory progress in meeting the conditions of the compliance schedule. Applicants shall also provide a listing of all administrative or judicial actions taken against the owner or operator within the last five years under Louisiana environmental laws or regulations, including emergency cease and desist orders, notices of violation, compliance orders, penalty notices, or other administrative orders and any administrative or judicial proceedings that could result in such actions, and any other compliance history information requested by the administrative authority;

e. for sources that have not been operating in Louisiana for at least five years, a listing of all enforcement actions taken against the owner or operator for violations of United States federal or state environmental laws or regulations, and any other compliance history information requested by the administrative authority.

4. Any application corresponding to a major source that emits or is permitted to emit any Class I or Class II toxic air pollutant shall include a description of all federal standards (i.e., any standards promulgated by the US EPA in 40 CFR Part 63) and compliance methods applicable to units being permitted.

5. The department may request a dispersion modeling report demonstrating compliance with the ambient air standard developed by the owner or operator in accordance with the department's air toxics modeling procedures.

6. The owner or operator shall provide such other pertinent information as may be necessary for a complete understanding of the application that is being reviewed.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1363 (December 1992), LR 19:891 (July 1993), repromulgated LR 19:1314 (October 1993), amended LR 23:59 (January 1997), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2461 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2447 (October 2005), LR 33:2093 (October 2007), LR 33:2623 (December 2007).

§5112. Tables—51.1, 51.2, 51.3

Table 51.1, Class I. – Class II. …

Table 51.1
Minimum Emission Rates Toxic Air Pollutants
Class III. Acute and Chronic (Non-Carcinogenic) Toxins

Compound	CAS Number	Synonyms	Minimum Emission Rate (Pounds/year)
* * *			
[See Prior Text in Acrylic acid - Hydrochloric acid]			
Hydrofluoric acid	7664-39-3	Fluoric acid, Hydrogen fluoride	63.0
Hydrogen cyanide	74-90-8	Cyclon	800.0
Hydrogen sulfide	7783-06-4		1,000.0
* * *			
[See Prior Text in Maleic anhydride - Zinc (and compounds) [1][12]]			

Explanatory Notes:
[1]. – [12]. …

Table 51.2
Louisiana Toxic Air Pollutant Ambient Air Standards

Compound	CAS Number	Class	Ambient Air Standard [14]	
			(µg/m³*) (8 Hour Avg.)	(µg/m³**) (Annual Avg.)
Acetaldehyde	75-07-0	II		45.50
Acetonitrile	75-05-8	II	810.00	
Acrolein	107-02-8	II	5.40	
* * * [See Prior Text in Acrylamide - Antimony (and compounds) [1]]				
Arsenic (and compounds) [1] [13]	7440-38-2	I		0.02
Asbestos (friable)	1332-21-4	I		┼
Barium (and compounds) [1]	7440-39-3	II	11.90	
Benzene	71-43-2	I		12.00
Beryllium (and compounds) [1]	7440-41-7	I		0.04
Biphenyl	92-52-4	II	23.80	
Bis (2-chloroethyl) ether	111-44-4	I		0.30
1,3-Butadiene	106-99-0	II		0.92
n-Butyl alcohol	71-36-3	III	3,620.00	
Cadmium (and compounds) [1]	7440-43-9	I		0.06
Carbon disulfide	75-15-0	II	71.40	
Carbon tetrachloride	56-23-5	II		6.67
Carbonyl sulfide	463-58-1	III	582.00	
Chlorinated dibenzo-p-dioxins [2]	3268-87-9	II		.003
Chlorinated dibenzo furans [3]	51207-31-9	II		.003
Chlorine	7782-50-5	III	35.7	
Chlorine dioxide	10049-04-4	II	6.67	
Chlorobenzene	108-90-7	II	1,100.00	
Chloroethane	75-00-3	II	6,290.00	
Chloroform	67-66-3	II		4.30
Chloromethane	74-87-3	II		55.56
Chloroprene	126-99-8	II	857.00	
Chromium VI (and compounds) [1] [13]	7440-47-3	I		0.01
Copper (and compounds) [1]	7440-50-8	II	23.80	
Cresol [4]	1319-77-3	III	238.00	
Cumene	98-82-8	III	5,860.00	
Diaminotoluene	25376-45-8	II	181.00	
1,2-Dibromoethane	106-93-4	I		0.45
Dibutyl phthalate	84-74-2	II	119.00	
1,4-Dichlorobenzene	106-46-7	II	1,430.00	
1,2-Dichloroethane	107-06-2	II		3.85
Dichloromethane	75-09-2	II		212.77
1,2-Dichloropropane	78-87-5	II	8,260.00	
1,3-Dichloropropylene	542-75-6	II	107.00	
2,4-Dinitrotoluene [5]	121-14-2	II	4.76	
2,6-Dinitrotoluene [5]	606-20-2	II	4.76	
1,4-Dioxane	123-91-1	II	2,140.00	
Epichlorohydrin	106-89-8	I		83.00
Ethyl acrylate	140-88-5	II	476.00	
Ethyl benzene	100-41-4	II	10,300.00	
Ethylene glycol	107-21-1	III	2,380.00	
Ethylene oxide	75-21-8	I		1.00
* * * [See Prior Text in Formaldehyde - Hydrochloric acid]				
Hydrofluoric acid	7664-39-3	III	61.90	
Hydrogen cyanide	74-90-8	III	260.00	
Hydrogen sulfide	7783-06-4	III	330.00	
Maleic anhydride	108-31-6	III	23.80	
Manganese (and compounds) [1]	7439-96-5	II	4.76	
Mercury (and compounds) [1]	7439-97-6	II	1.19	
* * * [See Prior Text in Methanol - Xylene (mixed isomers) [9]]				
Zinc (and compounds) [1] [10] [13]	7440-66-6	III	119.00	

Explanatory Notes:

* - [11]. …

[12] Includes the following compounds: Naphthalene (CAS Number 91-20-3), Methylnaphthalene (CAS Number 1321-94-4), 1-

Methylnaphthalene (CAS Number 90-12-0), 2-Methylnaphthalene (CAS Number 91-57-6).

[13] Zinc chromates and zinc arsenates are Class I TAPs regulated as carcinogens under Chromium VI (and compounds) and arsenic (and compounds) TAP categories.

[14] The AAS for acetaldehyde, acetonitrile, biphenyl, carbon disulfide, chloroethane, cresol, 1,4-dichlorobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, ethylene glycol, manganese (and compounds) was revised effective January 1, 2002.

Table 51.3 …

Explanary Notes:

* For pollutants listed in Table 51.3 of this Section, minimum emission rates and ambient air standards have not been established. Certain requirements of this Subchapter do not apply to these pollutants. For example, the provisions of LAC 33:III.5109, MACT and Ambient Air Standard Requirements and Standard Operating Procedure requirements, do not apply. Emissions of Table 51.3 pollutants shall not be counted toward a facility's total toxic air pollutant emissions in determining whether a stationary source is a major source for the purposes of this Subchapter. The provisions of LAC 33:III.5107.A, B, and C, Reporting Requirements and Availability of Information, do apply to emissions of Table 51.3 pollutants. Such emissions shall be reported on the Annual Emissions Reports provided for under LAC 33:III.5107.A.1 and 2, beginning with the report due July 1, 1993. To determine the applicability of other provisions to the pollutants listed in this table, refer to the text of this Subchapter.

[1]. – [4]. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:1331 (December 1995), amended LR 22:278 (April 1996), LR 24:1277 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1237 (July 1999), LR 26:2004 (September 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2624 (December 2007).

§5113. Notification of Start-Up, Testing, and Monitoring

A. Notification of Start-Up. Any owner or operator that has an initial start-up of a stationary source subject to MACT or Ambient Air Standard Requirements under this Subchapter shall furnish SPOC written notification as follows:

1. a notification to SPOC of the anticipated date of the initial start-up of the source not more than 60 days nor less than 30 days before that date; and

2. a notification to SPOC of the actual date of initial start-up of the source postmarked within 10 working days after such date.

B. Emission Tests and Waiver of Emission Tests

1. The department may require any owner or operator to conduct tests to determine the emission of toxic air pollutants from any source whenever the department has reason to believe that an emission in excess of those allowed by this Subchapter is occurring. The department may specify testing methods to be used in accordance with good professional practice. The department may observe the testing. All tests shall be conducted by qualified personnel. The Office of Environmental Assessment shall be given a copy of the test results in writing signed by the person responsible for the tests within 45 days after completion of the test.

2. – 4.e. ...

5. Unless otherwise specified, samples shall be analyzed and emissions determined within 30 days after each emission test has been completed. The owner or operator shall report the determinations of the emission test to the Office of Environmental Assessment by a certified letter sent before the close of business on the 45th day following the completion of the emission test.

6. ...

7. The owner or operator shall notify the Office of Environmental Assessment of any emission test required to demonstrate compliance with this Subchapter at least 30 days before the emission test to allow the administrative authority the opportunity to have an observer present during the test.

C. – C.1. ...

2. When required at any other time requested by the administrative authority, the owner or operator of a source being monitored shall conduct a performance evaluation of the monitoring system and furnish the Office of Environmental Assessment with a copy of a written report of the results within 60 days of the evaluation. The owner or operator of the source shall furnish the Office of Environmental Assessment with written notification of the date of the performance evaluation at least 30 days before the evaluation is to begin.

3. – 4. ...

5. The administrative authority may require a continuous monitoring system where such systems are deemed feasible and necessary to demonstrate compliance with applicable standards. The owner or operator of a facility that the administrative authority has required to install a continuous monitoring system shall submit to the Office of Environmental Assessment for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. The plan for the continuous monitoring system must be submitted to the department within 90 days after the administrative authority requests either the initial plan or an updated plan.

5.a. – 7. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 and 2060 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), amended LR 18:1364 (December 1992), LR 23:59 (January 1997), LR 23:1658 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2461 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2448 (October 2005), LR 33:2094 (October 2007).

Subchapter B. Incorporation by Reference of 40 CFR Part 61 (National Emission Standards for Hazardous Air Pollutants)

§5116. Incorporation by Reference of 40 CFR Part 61 (National Emission Standards for Hazardous Air Pollutants)

A. – B. ...

1. 40 CFR Part 61, Subpart A, Section 61.04(b)(T) is modified to read as follows: Louisiana Department of Environmental Quality, Office of Environmental Services.

2. Whenever the referenced regulations (i.e., 40 CFR Part 61) provide authority to "the Administrator," such authority, in accordance with these regulations, shall be exercised by the administrative authority or his designee, notwithstanding any authority exercised by the U.S. Environmental Protection Agency (EPA). Reports, notices, or other documentation required by the referenced regulations (i.e., 40 CFR Part 61) to be provided to "the Administrator" shall be provided to the Office of Environmental Compliance, where the state is designated authority by EPA as "the Administrator," or shall be provided to the Office of Environmental Compliance and EPA, where EPA retains authority as "the Administrator."

C. Copies of documents incorporated by reference in this Chapter may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html, from the Department of Environmental Quality, Office of Environmental Services, or from a public library.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:61 (January 1997), amended LR 23:1658 (December 1997), LR 24:1278 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1464 (August 1999), LR 25:1797 (October 1999), LR 26:2271 (October 2000), LR 27:2230 (December 2001), LR 28:995 (May 2002), LR 28:2179 (October 2002), LR 29:699 (May 2003), LR 30:1009 (May 2004), amended by the Office of Environmental Assessment, LR 31:1569 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2448 (October 2005), LR 32:809 (May 2006), LR 33:1620 (August 2007), LR 33:2094 (October 2007).

Subchapter C. Incorporation by Reference of 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories) as It Applies to Major Sources

§5122. Incorporation by Reference of 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories) as It Applies to Major Sources

A. ...

B. Copies of documents incorporated by reference in this Chapter may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html, from the Department of Environmental Quality, Office of Environmental Services, or from a public library.

C. ...

1. Whenever the referenced regulations (i.e., 40 CFR Part 63) provide authority to "the Administrator," such authority, in accordance with these regulations, shall be exercised by the administrative authority or his designee, notwithstanding any authority exercised by the U.S. Environmental Protection Agency (EPA). Reports, notices, or other documentation required by the referenced regulations (i.e., 40 CFR Part 63) to be provided to "the Administrator" shall be provided to the Office of Environmental Compliance, where the state is designated authority by EPA as "the Administrator," or shall be provided to the Office of Environmental Compliance and EPA, where EPA retains authority as "the Administrator."

2. …

3. 40 CFR Part 63, Subpart D, Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants; Subpart E, Approval of State Programs and Delegation of Federal Authorities; Subpart J, National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production; and Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, are not included in this incorporation by reference.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:61 (January 1997), amended LR 23:1659 (December 1997), LR 24:1278 (July 1998), LR 24:2240 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1464 (August 1999), LR 25:1798 (October 1999), LR 26:690 (April 2000), LR 26:2271 (October 2000), LR 27:2230 (December 2001), LR 28:995 (May 2002), LR 28:2180 (October 2002), LR

29:699 (May 2003), LR 29:1474 (August 2003), LR 30:1010 (May 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2449 (October 2005), LR 31:3115 (December 2005), LR 32:810 (May 2006), LR 33:1620 (August 2007), LR 33:2095 (October 2007), LR 33:2627 (December 2007).

Subchapter M. Asbestos

§5151. Emission Standard for Asbestos

A. – F.2. ...

a. provide the Office of Environmental Services with typed notice of intention to demolish or renovate using the latest version of Form AAC-2, Notification of Demolition and Renovation. This form is available from the Office of Environmental Services or through the department's website. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. The use of a prior version of the AAC-2 Form is acceptable unless the department has previously provided the owner or operator with a copy of the current version, or the owner or operator is aware of the latest version;

b. – c.iv.(a).(i). ...

(ii). provide the Office of Environmental Services with a written notice of the new start date as soon as possible before, and no later than, the original start date. Delivery of the updated notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable;

c.iv.(b). – f.i.(c). ...

ii. within five working days after the notification is made by phone, a typed notification as specified in Subparagraphs F.2.d and e shall be submitted to the Office of Environmental Services in order to obtain an ADVF;

g. – g.iii. ...

iv. the completed ADVF from the transporter shall be verified and signed by the disposal site owner or operator and mailed to the Office of Environmental Services within 30 working days. A copy is to be returned to the waste generator;

F.2.g.v. – G.2. ...

a. Notify the Office of Environmental Services at least 20 days before beginning the spraying operation. Include the following information in the notice:

G.2.a.i. – I. ...

1. deposit all asbestos-containing waste material at a waste disposal site recognized by the department. A completed AAC-7 Form shall have been submitted to the Office of Environmental Services by the disposal facility for prior recognition. Updated information will be required upon request. The latest AAC-7 Form may be obtained from the Office of Environmental Services or through the department's website. The Office of Environmental Services will maintain a current list of recognized asbestos waste disposal sites;

2. – 3.a.iii. ...

b. use an alternative emission control and waste treatment method that has received prior written approval by the administrative authority. To obtain approval for an alternative method, a written application must be submitted to the Office of Environmental Services demonstrating that the following criteria are met:

3.b.i. – 5.b. ...

c. report in writing to the Office of Environmental Services if a copy of the waste shipment record, signed by the owner or operator of the designated waste disposal site, is not received by the waste generator within 45 days of the date the waste was accepted by the initial transporter. Include in the report the following information:

I.5.c.i. – J.4.c. ...

d. report in writing to the Office of Environmental Services if a copy of the waste shipment record, signed by the owner or operator of the designated waste disposal site, is not received by the waste generator within 45 days of the date the waste was accepted by the initial transporter. Include in the report the following information:

J.4.d.i. – K.2.b. ...

c. when requesting a determination on whether a natural barrier adequately deters public access, supply information enabling the Office of Environmental Services to determine whether a fence or a natural barrier adequately deters access by the general public;

3. ...

4. notify the Office of Environmental Services in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site under this Section, and follow the procedures specified in the notification. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date must be provided to the Office of Environmental Services at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. Include the following information in the notice:

K.4.a. – L.6.g. ...

7. submit the following reports to the Office of Environmental Services:

7.a. – 8. ...

M. Reporting and Recordkeeping. Any new source to which this Subchapter applies (with the exception of sources subject to Subsections D, F, G, and H of this Section), which has an initial start-up date preceding the effective date of this Subchapter, shall provide the following information to the administrative authority, postmarked or delivered, within 90 days of the effective date. In the case of a new source that does not have an initial start-up date preceding the effective date, the information shall be provided to the administrative authority, postmarked or delivered, within 90 days of the initial start-up date. Any owner or operator of an existing

source shall provide the following information to the administrative authority within 90 days of the effective date of this Subchapter, unless the owner or operator of the existing source has previously provided this information to the administrative authority. Any changes in the information provided by any existing source shall be provided to the administrative authority, postmarked or delivered, within 30 days after the change. The owner or operator of any existing source to which this Section is applicable shall, within 90 days after the effective date, provide the following information to the Office of Environmental Services:

M.1. – N.5.a.v. ...

b. as soon as possible and no longer than 30 days after receipt of the waste, send a copy of the signed ADVF to the waste generator and to the Office of Environmental Services;

c. upon discovering a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received, attempt to reconcile the discrepancy with the waste generator. If the discrepancy is not resolved within 15 days after receiving the waste, immediately report in writing to the Office of Environmental Services. Describe the discrepancy and attempts to reconcile it, and submit a copy of the ADVF with the report;

5.d. – 7. ...

8. Submit to the Office of Environmental Services, upon closure of the facility, a copy of records of asbestos waste disposal locations and quantities.

9. ...

10. Notify the Office of Environmental Services, in writing at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, notice of the new start date shall be provided to the administrative authority at least 10 working days before excavation begins and in no event shall excavation begin earlier than the date specified in the original notification. Include the following information in the notice:

N.10.a. – P.2.b. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:1204 (December 1991), repealed and repromulgated LR 18:1121 (October 1992), amended LR 20:1277 (November 1994), LR 24:27 (January 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2462 (November 2000), LR 30:1673 (August 2004), amended by the Office of Environmental Assessment, LR 30:2022 (September 2004), LR 31:1570 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2449 (October 2005), LR 33:2095 (October 2007).

Chapter 53. Area Sources of Toxic Air Pollutants

Subchapter A. Toxic Emissions Reporting Requirements

§5307. Reporting Requirements

A. – A.7. ...

B. Subsequent reports will be due on or before July 1 of each year. The report shall be submitted to the Office of Environmental Assessment and include the information requested in Subsection A of this Section for the preceding calendar year.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:431 (April 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2464 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2450 (October 2005), LR 33:2096 (October 2007).

Subchapter B. Incorporation by Reference of 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories) as It Applies to Area Sources

§5311. Incorporation by Reference of 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories) as It Applies to Area Sources

A. – A, Table. ...

B. Copies of documents incorporated by reference in this Chapter may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20242 or their website, www.gpoaccess.gov/cfr/index.html, from the Department of Environmental Quality, Office of Environmental Assessment, or from a public library.

C. Modifications or Exceptions. Whenever the referenced regulations (i.e., 40 CFR Part 63) provide authority to "the Administrator," such authority, in accordance with these regulations, shall be exercised by the administrative authority or his designee, notwithstanding any authority exercised by the U.S. Environmental Protection Agency (EPA). Reports, notices, or other documentation required by the referenced regulations (i.e., 40 CFR Part 63) to be provided to "the Administrator" shall be provided to the Office of Environmental Assessment, where the state is designated authority by EPA as "the Administrator," or shall be provided to the Office of Environmental Assessment and EPA, where EPA retains authority as "the Administrator."

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 23:63 (January 1997), amended LR 23:1660 (December 1997), LR 24:1279 (July 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1464 (August 1999), LR 27:2230 (December 2001), LR 28:995 (May 2002), LR 28:2180 (October 2002), LR 29:699 (May 2003), LR 30:1010 (May 2004), amended by the Office of Environmental Assessment, LR 31:1569 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2451 (October 2005), LR 32:810 (May 2006), LR 33:1620 (August 2007), LR 33:2096 (October 2007).

Chapter 59. Chemical Accident Prevention and Minimization of Consequences

Subchapter B. Risk Management Program Requirements

§5911. Registration for Stationary Sources

A. The owner or operator of each stationary source that has a covered process as defined by 40 CFR 68.3 shall register with the Office of Environmental Compliance by the latest of the following dates:

A1. – B.4, Certification. ...

C. If at any time after the submission of the registration, information in the registration is no longer accurate, the owner or operator shall submit an amended registration within 60 days to the Office of Environmental Compliance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054 and 2063.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 20:426 (April 1994), amended LR 22:1125 (November 1996), LR 23:1496 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2464 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2451 (October 2005), LR 33:2097 (October 2007).

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. Wastes that are excluded from regulation are found in this Section.

A. Notification of Hazardous Waste Activity

1. Within 90 days after the promulgation of these regulations anyone subject to these regulations who has not previously notified the department on the Notification of Hazardous Waste Activity Form HW-1, or whose notification on Form HW-1 is not approved, must notify the Office of Environmental Services, using Form HW-1. Within 90 days after changes in waste characteristics or changes in these regulations that result in changes in the notification, interim status facilities must revise their notification form by resubmitting a corrected copy of Form HW-1.

A.2. – C.1.b. ...

2. The Office of Environmental Services is responsible for nonhazardous solid wastes treated, stored, and/or disposed of in public and private solid waste facilities.

A.3. – D.1.i.iii.(d). ...

(e). prior to operating pursuant to this exclusion, the plant owner or operator submits to the Office of Environmental Services a one-time notification stating that the plant intends to claim the exclusion, giving the date on which the plant intends to begin operating under the exclusion, and containing the following language:

"I have read the applicable regulation establishing an exclusion for wood preserving wastewaters and spent wood preserving solutions and understand it requires me to comply at all times with the conditions set out in the regulation."

The plant must maintain a copy of that document in its on-site records for a period of no less than three years from the date specified in the notice. The exclusion applies only so long as the plant meets all of the conditions. If the plant goes out of compliance with any condition, it may apply to the administrative authority for reinstatement. The administrative authority may reinstate the exclusion upon finding that the plant has returned to compliance with all conditions and that violations are not likely to recur;

j. – p.iv.(c). ...

v. the owner or operator provides notice to the Office of Environmental Services, providing the following information: the types of materials to be recycled; the type and location of the storage units and recycling processes; and the annual quantities expected to be placed in land-based units. This notification must be updated when there is a change in the type of materials recycled or the location of the recycling process; and

p.vi. – t.ii ...

(a). submit a one-time notice to the Office of Environmental Services that contains the name, address, and EPA ID number of the generator or intermediate handler facility, provides a brief description of the secondary material that will be subject to the exclusion, and identifies when the manufacturer intends to begin managing excluded, zinc-bearing hazardous secondary materials under the conditions specified in this Subparagraph;

ii.(b). – iii.(a). ...

(b). submit a one-time notification to the Office of Environmental Services that, at a minimum, specifies the name, address, and EPA ID number of the manufacturing facility and identifies when the manufacturer intends to begin managing excluded, zinc-bearing hazardous secondary materials under the conditions specified in this Subparagraph;

(c). ...

(d). submit to the Office of Environmental Services an annual report that identifies the total quantities of all excluded hazardous secondary materials that were used to manufacture zinc fertilizers or zinc fertilizer ingredients in the previous year, the name and address of each generating facility, and the industrial processes from which they were generated;

1.t.iv. – 5.c.ii. ...

iii. the additional quantities and time frames allowed in Clauses D.5.c.i and ii of this Section are subject to all the provisions in Subparagraph D.5.a and Clauses D.5.b.iii-vi of this Section. The generator or sample collector must apply to the Office of Environmental Services and provide in writing the following information:

5.c.iii.(a). – 6. ...

a. no less than 45 days before conducting treatability studies, the facility notifies the Office of Environmental Services in writing that it intends to conduct treatability studies under this Subsection;

b. – h. ...

i. the facility prepares and submits a report to the Office of Environmental Services, by March 15 of each year, that estimates the number of studies and the amount of waste expected to be used in treatability studies during the current year, and includes the following information for the previous calendar year:

i.i. – j. ...

k. the facility notifies the Office of Environmental Services by letter when the facility is no longer planning to conduct any treatability studies at the site.

D.7. – J.1. ...

2. Non-Emergency Conditions. For any unauthorized discharge of a hazardous waste that does not cause an emergency condition, the discharger shall notify SPOC within 24 hours of learning of the discharge and in accordance with other provisions of LAC 33:I.Chapter 39.

K. – P. ...

1. Any person who proposes to manage contaminated media within an AOC must submit the definition of the project's AOC to the Office of Environmental Services. Approval from the administrative authority concerning the extent of the AOC must occur prior to movement of contaminated media. In general the AOC should be consistent with the area impacted by the release.

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 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 32:821 (May 2006), LR 33:450 (March 2007), LR 33:2097 (October 2007).

§106. Hazardous Waste Determination for Contaminated Media

A. – B.1. …

2. When a NHEM determination would be useful to expedite site remediation, a written request and payment of the fee in accordance with LAC 33:V.5147 may be submitted to the Office of Environmental Services. The request must demonstrate application of the process described in Paragraphs B.3-4 of this Section and that land disposal treatment standards are met when applicable.

3. A NHEM determination does not authorize the placement of contaminated media in, or establish remedial standards for, a particular area. Approval for placement of the contaminated medium in a specific area must be obtained from the Office of Environmental Services, unless it is otherwise allowed by regulation. Remedial standards for areas of contamination shall be established in accordance with the Risk Evaluation/Corrective Action Program (RECAP) as incorporated by reference in LAC 33:I.1307.

B.4. – Table 1, Soil and Groundwater Standards. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2180 et seq. and, in particular, 2186(A)(2).

HISTORICAL NOTE: Promulgated by the Office of the Secretary, Legal Affairs Division, LR 33:450 (March 2007), amended LR 33:2098 (October 2007).

§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.

* * *

Hazardous Waste—a *solid waste*, as defined in this Section, is a hazardous waste if:

1. – 4.b.ii.(c).(i), Table B. ...

(ii). a one-time notification and certification must be placed in the facility's files and sent to the Office of Environmental Services for K061, K062, or F006 HTMR residues that meet the generic exclusion levels for all constituents and do not exhibit any characteristics that are sent to Subtitle D units. The notification and certification that is placed in the generators' or treaters' files must be updated if the process or operation generating the waste changes and/or if the Subtitle D unit receiving the waste changes. However, the generator or treater needs only to notify the administrative authority on an annual basis if such changes occur. Such notification and certification should be sent to the EPA region or authorized state by the end of the calendar year, but no later than December 31. The notification must include the following information:

4.b.ii.(c).(ii).[a]. – 6.b. ...

* * *

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

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 32:822 (May 2006), LR 33:1625 (August 2007), LR 33:2098 (October 2007).

Chapter 3. General Conditions for Treatment, Storage, and Disposal Facility Permits

§303. Overview of the Permit Program

A. General Application Requirements

1. Permit Application. Any person who is required to have a permit (including new applicants and permittees with expiring permits) shall complete, sign, and submit an application to the Office of Environmental Services, as described in this Section and LAC 33:V.4301, 4303, and 4305. Persons currently authorized with interim status shall apply for permits when required by the administrative authority. Persons covered by permits by rule (LAC 33:V.305.D) need not apply. Procedures for applications, issuance, and administration of emergency permits are found exclusively in LAC 33:V.701 and 703. Procedures for application, issuance, and administration of research, development, and demonstration permits are found exclusively in LAC 33:V.329.

2. No later than 90 days after the promulgation or revision of these regulations, all generators and transporters of hazardous waste, and all owners or operators of hazardous waste treatment, storage, or disposal facilities must file or have on file a notification of that activity using Notification Form HW-1, available from the Office of Environmental Services or through the department's website. For generators of hazardous waste, the Notification Form HW-1 shall be deemed a registration upon acceptance and approval by the administrative authority.

A.3. – H.1. ...

2. An application for a permit for a new TSD facility (including both Parts I and II) may be filed any time after promulgation of these standards, applicable to such facility. The application shall be filed with the Office of Environmental Services.

3. ...

4. A new facility must obtain an EPA identification number. EPA identification numbers will be issued only by the EPA. However, application for an EPA Identification Number shall be made by completing the Hazardous Waste Notification form provided by the Office of Environmental Services.

I. – Q. ...

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 14:790 (November 1988), LR 16:220 (March 1990), LR 17:478 (May 1991), LR 17:658 (July 1991), LR 20:1000 (September 1994), LR 21:564 (June 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2466 (November 2000), LR 27:708 (May 2001), amended by the Office of Environmental Assessment, LR 30:2023 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2453 (October 2005), LR 33:2099 (October 2007).

§309. Conditions Applicable to All Permits

Each permit shall include permit conditions necessary to achieve compliance with the Act and these regulations, including each of the applicable requirements specified in LAC 33:V.Subpart 1. In satisfying this provision, the administrative authority may incorporate applicable requirements of LAC 33:V.Subpart 1 directly into the permit or establish other permit conditions that are based on LAC 33:V.Subpart 1. The following conditions apply to all hazardous waste permits. All conditions applicable to permits shall be incorporated into the permits either expressly or by reference. If incorporated by reference, a specific citation to these regulations must be given in the permit.

A. – K. ...

L. Reporting Requirements

1. Planned Changes. The permittee shall give notice to the Office of Environmental Services, as soon as possible, of any planned physical alterations or additions to the permitted facility.

2. Anticipated Noncompliance. The permittee shall give advance notice to the Office of Environmental Services of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

3. – 7.d. ...

8. Manifest Discrepancy Report. If a significant discrepancy in a manifest is discovered, the permittee must

attempt to reconcile the discrepancy. If not resolved within five days, the permittee must submit a report including a copy of the manifest to the Office of Environmental Services.

9. Unmanifested Waste Report. An unmanifested waste report must be submitted to the Office of Environmental Services within five days of receipt of unmanifested waste.

10. Annual Report. An annual report must be submitted to the Office of Environmental Services covering facility activities during the previous calendar year.

11. ...

12. Other Information. If the permittee becomes aware that he failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the administrative authority, he shall promptly submit such facts or information to the Office of Environmental Services.

M. ...

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 16:220 (March 1990), LR 16:614 (July 1990), LR 18:1256 (November 1992), LR 20:1000 (September 1994), LR 21:944 (September 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:657 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2466 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2453 (October 2005), LR 33:2099 (October 2007).

§321. Modification of Permits

A. Any proposed major modification of a facility or a site, any change in wastes handled in either volume or composition, and any other change in the site, facility, or operations that materially deviates from a permit or materially increases danger to the public health or the environment must be reported in writing to the Office of Environmental Services prior to such an occurrence and a permit modification must be obtained in accordance with the application, public notice, and permit requirements of this Chapter. Any operator or ownership change shall be made in accordance with LAC 33:I.Chapter 19.

B. – C.1.a. ...

i. The permittee must notify the Office of Environmental Services concerning the modification by certified mail or other means that establish proof of delivery within seven calendar days after the change is put into effect. This notice must specify the changes being made to permit conditions or supporting documents referenced by the permit and must explain why they are necessary. Along with the notice, the permittee must provide the applicable information required by LAC 33:V.515-533, 2707, and 3115.

a.ii. – c. ...

2. Class 2 Modifications

a. For Class 2 modifications, listed in LAC 33:V.322, the permittee must submit a modification request to the Office of Environmental Services that:

2.a.i. – 10.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 13:433 (August 1987), LR 15:378 (May 1989), LR 16:614 (July 1990), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1691 (September 1998), LR 25:435 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2466 (November 2000), LR 28:1000 (May 2002), LR 29:319 (March 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2430, 2454 (October 2005), LR 33:2100 (October 2007).

§323. Suspension, Modification or Revocation and Reissuance, and Termination of Permits

A. ...

B. If the administrative authority decides the request is not justified, he or she shall send the requester a brief written response giving a reason for the decision. Denials of requests for modification, revocation and reissuance, or termination are not subject to public notice, comment, or hearings. Denials by the administrative authority may be appealed to the Office of the Secretary, in accordance with R.S. 30:2050.21.

1. – 4.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 LR 14:790 (November 1988), LR 16:220 (March 1990), LR 16:614 (July 1990), LR 18:1256 (November 1992), LR 20:1109 (October 1994), LR 21:944 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2467 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2454 (October 2005), LR 33:1625 (August 2007), LR 33:2100 (October 2007).

Chapter 5. Permit Application Contents

Subchapter A. General Requirements for Permit Applications

§501. Permit Application

A. Any person who is required to have a permit (including new applicants and permittees with expiring permits) shall complete, sign, and submit a permit application to the Office of Environmental Services, as described in this Section and LAC 33:V.4301, 4303, and 4305. Persons currently authorized with interim status shall

apply for permits when required by the administrative authority. Persons covered by RCRA permits by rule (LAC 33:V.305.D) need not apply. Procedures for applications, issuance, and administration of emergency permits are found exclusively in LAC 33:V.701 and 703. Procedures for application, issuance, and administration of research, development, and demonstration permits are found exclusively in LAC 33:V.329.

B. – C.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 20:1000 (September 1994), LR 20:1109 (October 1994), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:300 (February 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2467 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2454 (October 2005), LR 33:2100 (October 2007).

Subchapter E. Specific Information Requirements

§520. Specific Part II Information Requirements for Groundwater Protection

The following additional information regarding protection of groundwater is required from owners or operators of hazardous waste facilities containing a regulated unit except as provided in LAC 33:V.3301.B and C:

A. – F.4. ...

G. if the presence of hazardous constituents has been detected in the groundwater at the point of compliance at the time of the permit application, the owner or operator must submit to the Office of Environmental Services sufficient information, supporting data, and analyses to establish a compliance monitoring program that meets the requirements of LAC 33:V.3319. Except as provided in LAC 33:V.3317.H, the owner or operator must also submit to the Office of Environmental Services an engineering feasibility plan for a corrective action program necessary to meet the requirements of LAC 33:V.3321, unless the owner or operator obtains written authorization in advance from the administrative authority to submit a proposed permit schedule for submittal of such a plan. To demonstrate compliance with LAC 33:V.3319, the owner or operator must address the following items:

G.1. – H.5. ...

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 17:658 (July 1991), amended LR 18:1256 (November 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2467 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2454 (October 2005), LR 33:2100 (October 2007).

Subchapter F. Special Forms of Permits

§537. Permits for Boilers and Industrial Furnaces Burning Hazardous Waste for Recycling Purposes Only (Boilers and industrial furnaces burning hazardous waste for destruction are subject to permit requirements for incinerators.)

A. – B.2.h.x. ...

i. The applicant must submit to the Office of Environmental Services a certification that the trial burn has been conducted in accordance with the approved trial burn plan and must submit the results of all the analyses and determinations required in Subparagraph B.2.h of this Section. This submission shall be made within 90 days of completion of the trial burn, or later if approved by the administrative authority.

B.2.j. – D. ...

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 15:737 (September 1989), amended LR 18:1375 (December 1992), LR 21:266 (March 1995), LR 22:818, 832 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:657 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2468 (November 2000), LR 27:292 (March 2001), LR 29:320 (March 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2101 (October 2007).

Subchapter G. Remedial Action Plans (RAPs) - General Information

§565. How do I apply for a RAP?

A. To apply for a RAP, you must complete an application, sign it, and submit it to the Office of Environmental Services according to the requirements in this Subchapter.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:272 (February 2000), amended LR 26:2468 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2101 (October 2007).

§590. To whom must I submit my RAP application?

A. You must submit your application for a RAP to the Office of Environmental Services for approval.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:273 (February 2000), amended LR 26:2468 (November 2000), amended by the Office of

the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2101 (October 2007).

Chapter 7. Administrative Procedures for Treatment, Storage, and Disposal Facility Permits

Subchapter B. Hearings

§708. Preapplication Public Meeting and Notice, Public Notice Requirements at the Application Stage, and Information Repository

A. – A.4.a.iii. ...

iv. a notice to the department. The applicant shall send a copy of the newspaper notice to the Office of Environmental Services and to the appropriate units of state and local government, in accordance with LAC 33:V.717.A.1.b.

A.4.b. – C.6. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:659 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2468 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2101 (October 2007).

Chapter 11. Generators

Subchapter A. General

§1105. EPA Identification Numbers

A generator must not treat, store, dispose of, transport or offer for transportation hazardous waste without having received an active EPA identification number.

A. ...

B. A generator must notify the Office of Environmental Services within seven days if any of the information submitted in the application for the identification number changes. Because EPA identification numbers are site-specific, if a facility moves to another location, the owner/operator must obtain a new EPA identification number for the facility.

C. ...

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 17:362 (April 1991), LR 18:1256 (November 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2470 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2101 (October 2007).

§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, or access the U.S. Environmental Protection Agency's website to obtain information on EPA-registered and approved sources.

A.1. – B.1.c. ...

d. the description of the waste(s) (e.g., proper shipping name, EPA hazardous waste number, etc.) required by Hazardous Materials regulations of the Louisiana Department of Public Safety in LAC 33:V.Subpart 2.Chapter 101; and

B.1.e. – 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 or its successor agency. Except as otherwise provided herein, the requirements of LAC 33:V.2519 shall be met.

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 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 32:823 (May 2006), LR 33:89 (January 2007), repromulgated LR 33:281 (February 2007), amended LR 33:2101 (October 2007).

§1109. Pre-Transport Requirements

A. – A.3. ...

B. Labeling. Before transporting or offering hazardous waste for transportation off-site, a generator must label each package in accordance with the applicable transportation regulations on hazardous materials of the Louisiana Department of Public Safety or its successor agency under LAC 33:V.Subpart 2.Chapter 105.

C. – F.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 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 32:823 (May 2006), LR 33:2102 (October 2007).

§1111. Recordkeeping and Reporting

A. – A.4. ...

B. Annual Report

1. A generator who ships any hazardous waste off-site to a treatment, storage, or disposal facility within the United States must prepare and submit a single copy of an annual report to the Office of Environmental Services by March 1 of each year. The annual report must be submitted on the form provided by the administrative authority and it must cover generator activities during the previous calendar year. The reports must also include the following information:

a. – h. ...

2. Generators who also dispose, treat, or store hazardous waste on-site shall also submit annual reports to the Office of Environmental Services, reporting total quantity, by type, of waste handled, and how that waste was disposed, treated, or stored. Generators must maintain on site a copy of each report submitted to the department for a period of at least three years from the date of the report. Reporting for exports of hazardous waste is not required on the annual report form. A separate annual report requirement is set forth in LAC 33:V.1113.G.

C. – C.1. ...

2. A generator of greater than 1000 kg of hazardous waste in a calendar month must submit an Exception Report to the Office of Environmental Services if he has not received a copy of the manifest with the handwritten signature of the owner or operator of the designated facility within 45 days of the date the waste was accepted by the initial transporter. The Exception Report must include:

a. – b. ...

3. A generator of greater than 100 kg, but less than 1000 kg, of hazardous waste in a calendar month who does not receive a copy of the manifest with the handwritten signature of the owner or operator of the designated facility within 60 days of the date the waste was accepted by the initial transporter must submit a legible copy of the manifest, with some indication that the generator has not received confirmation of delivery, to the Office of Environmental Services.

[NOTE: The submission to the administrative authority need only be a handwritten or typed note on the manifest itself, or on an attached sheet of paper, stating that the return copy was not received.]

D. – 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 10:496 (July 1984), LR 16:220 (March 1990), LR 17:365 (April 1991), LR 20:1000 (September 1994), LR 20:1109 (October 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2470 (November 2000), LR 27:42 (January 2001), LR 27:710 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2102 (October 2007).

§1113. Exports of Hazardous Waste

A. – D.1.b.viii. ...

2. Notification shall be sent to the Office of Environmental Services, with "Attention: Notification to Export" prominently displayed on the front of the envelope.

[NOTE: This does not relieve the regulated community from the requirement of submitting notification to the Office of Waste Programs Enforcement, RCRA Enforcement Division (OS-520), EPA, as required by 40 CFR 262.53(b).]

D.3. – 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 32:824 (May 2006), LR 33:2102 (October 2007).

§1123. Imports of Foreign Hazardous Waste

A. – D.4. ...

E. Notification shall be sent to the Office of Environmental Services, with "Attention: Notification to Import Foreign Hazardous Waste" prominently displayed on the front of the envelope. Such notices shall be sent by certified mail.

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 32:824 (May 2006), LR 33:2103 (October 2007).

§1125. Unmanifested Foreign Hazardous Waste

A. Any person who imports foreign generated material that has not been classified as hazardous waste prior to entry into the state of Louisiana, but subsequently is determined to be hazardous waste, must immediately notify the Office of Environmental Services by telephone.

B. ...

1. file, in writing, an unmanifested waste report with the Office of Environmental Services, which shall include:

1.a. – 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 22:21 (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 33:2103 (October 2007).

Subchapter B. Transfrontier Shipments of Hazardous Waste

§1127. Transfrontier Shipments of Hazardous Waste for Recovery within the OECD

A. – G.1.f.Certification. ...

2. Exception Reports. Any person who meets the definition of *primary exporter* in LAC 33:V.109 must file an exception report, in lieu of the requirements of LAC 33:V.1111.C, with the Office of Environmental Services if any of the following occurs:

G.2.a. – I.4. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, 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 27:293 (March 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2103 (October 2007).

§1199. Appendix A—Uniform Hazardous Waste Manifest and Instructions (DEQ Form HW-3 and Its Instructions)

Read all instructions before completing DEQ Form HW-3. This form is available from the Office of Environmental Services and has been designed for use on a 12-pitch (elite) typewriter; a firm point pen may also be used, press down hard. State regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to use this form (HW-3) and, if necessary, the continuation sheet for both interstate and intrastate transportation. Federal and state regulations also require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete the following information.

I. – II.D. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:42 (January 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2103 (October 2007).

Chapter 15. Treatment, Storage, and Disposal Facilities

§1504. Construction Quality Assurance Program

A. – C.2. ...

D. Certification. Waste shall not be received in a unit subject to this Section until the owner or operator has submitted to the Office of Environmental Services, by certified mail or hand delivery, a certification signed by the CQA officer that the approved CQA plan has been successfully carried out, that the unit meets the requirements of LAC 33:V.2903.J or K, 2303.C or D, or 2503.L or M, and the procedure in LAC 33:V.309.L.3.b has been completed. Documentation supporting the CQA officer's certification must be furnished to the administrative authority upon request.

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2472 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2455 (October 2005), LR 33:2103 (October 2007).

§1505. Discharges from the Site

A. – A.1. ...

2. air emissions, if any, must be in conformity with air limitations of the Clean Air Act administered by the Office of Environmental Services, operating under an Air Quality Permit as required, and reported as required by that permit. The air permit must be applied for prior to the issuance of a hazardous waste permit.

B. – C.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 18:1256 (November 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2472 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2456 (October 2005), LR 33:2103 (October 2007).

§1513. Contingency Plan and Emergency Procedures

A. – A.1. ...

2. A contingency plan to be implemented in the event of an emergency shall be filed with the Office of Environmental Services and, after approval, with the local fire and police departments (if any operate in the area), hospitals and emergency response teams operating in the area that are subject to call by the operator or the department.

A.3. – B.6. ...

C. Copies of Contingency Plan

1. The contingency plan must be submitted to the Office of Environmental Services with the permit application and, after modification or approval, will become a condition of any permit issued.

C.2. – F.8.b. ...

9. The owner or operator must notify SPOC and the appropriate state and local authorities that the facility is in compliance with Paragraph F.8 of this Section before operations are resumed in the affected area(s) of the facility.

10. The owner or operator must note in the operating record the time, date, and details of any incident that requires implementation of the contingency plan. Within 15 days after the incident, he must submit a written report on the incident to SPOC that includes:

a. – g. ...

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 16:614 (July 1990), LR 18:1256 (November 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2472 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2456 (October 2005), LR 33:2104 (October 2007).

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

A – A.1. ...

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, or access the U.S. Environmental Protection Agency's website to obtain information on EPA-registered and approved sources.

B. – C.2. ...

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 a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest or shipping paper at issue.

4. – 7. ...

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. The report must be designated "Unmanifested Waste Report" and include the following information:

1. – 7.Comment. ...

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 32:825 (May 2006), amended LR 33:2104 (October 2007).

§1527. Receiving and Monitoring Incoming Waste

A. – E. ...

F. Unmanifested Waste Reports. Any wastes presented for disposal that are not accompanied by a properly completed manifest shall be rejected. The TSD operator shall note the name of the driver, hauler, and the vehicle identification numbers. He shall notify SPOC by phone immediately and in writing within seven days of the refusal to accept the waste and provide the administrative authority with the required information.

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), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2456 (October 2005), LR 33:2104 (October 2007).

§1529. Operating Record and Reporting Requirements

A. – C.3. ...

D. Annual Report. The owner or operator shall prepare and submit a single copy of an annual report to the Office of Environmental Services by March 1 of each year. The report form 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.1516 or monitoring reporting under LAC 33:V.3317. It 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 32:827 (May 2006), LR 33:2104 (October 2007).

§1531. Required Notices

A. The owner or operator of a facility that has arranged to receive hazardous waste from a foreign source must notify the Office of Environmental Services in writing at least four weeks in advance of the date the waste is expected to arrive at the facility. Notice of subsequent shipments of the same waste from the same foreign source is not required.

B. – 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 LR 15:378 (May 1989), LR 16:220 (March 1990), LR 16:399 (May 1990), LR 18:1256 (November 1992), 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 26:2473 (November 2000), LR 27:294 (March 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2105 (October 2007).

Chapter 17. Air Emission Standards

Subchapter A. Process Vents

§1715. Reporting Requirements

A. A semiannual report shall be submitted by owners and operators subject to the requirements of this Subchapter to the Office of Environmental Services by dates specified by the administrative authority. The report shall include the following information:

A.1. – 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 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2473 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2456 (October 2005), LR 33:2105 (October 2007).

Subchapter B. Equipment Leaks

§1737. Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Percentage of Valves Allowed to Leak

A. – B. ...

1. An owner or operator must notify the Office of Environmental Services that the owner or operator has elected to comply with the requirements of this Section.

B.2. – C.3. ...

D. If an owner or operator decides to comply with this Section no longer, the owner or operator must notify the Office of Environmental Services in writing that the work practice standard described in LAC 33:V.1729.A-E will be followed.

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 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2473 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2456 (October 2005), LR 33:2105 (October 2007).

§1739. Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Skip Period Leak Detection and Repair

A. – A.1. ...

2. An owner or operator must notify the Office of Environmental Services before implementing one of the alternative work practices.

B. – B.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 17:658 (July 1991), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:439 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2473 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2457 (October 2005), LR 33:2105 (October 2007).

§1745. Reporting Requirements

A. A semiannual report shall be submitted by owners and operators subject to the requirements of this Subchapter to the Office of Environmental Services by dates specified by the administrative authority. The report shall include the following information.

A.1. – 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 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning

Division, LR 26:2474 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2457 (October 2005), LR 33:2105 (October 2007).

Subchapter C. Air Emission Standards for Tanks, Surface Impoundments, and Containers

§1747. Applicability

A. – D.2. ...

3. the owner or operator notifies the Office of Environmental Services, in writing, that hazardous waste generated by an organic peroxide manufacturing process or processes meeting the conditions of Paragraph D.1 of this Section are managed at the facility in tanks or containers meeting the conditions of Paragraph D.2 of this Section. The notification shall state the name and address of the facility and be signed and dated by an authorized representative of the facility owner or operator.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:1701 (September 1998), LR 25:440 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:279 (February 2000), LR 26:2474 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2457 (October 2005), LR 33:2105 (October 2007).

§1755. Standards: Tanks

A. – E.3.c. ...

d. prior to each inspection required by Subparagraph E.3.b or c of this Section, the owner or operator shall notify the Office of Environmental Services in advance of each inspection to provide the administrative authority with the opportunity to have an observer present during the inspection. The owner or operator shall notify the administrative authority of the date and location of the inspection as follows:

i. ...

ii. when a visual inspection is not planned and the owner or operator could not have known about the inspection 30 calendar days before refilling the tank, the owner or operator shall notify the Office of Environmental Services as soon as possible, but no later than seven calendar days before refilling of the tank. This notification may be made by telephone and immediately followed by a written explanation for why the inspection is unplanned. Alternatively, written notification, including the explanation for the unplanned inspection, may be sent so that it is received by the administrative authority at least seven calendar days before refilling the tank;

E.3.e. – F.3.b.iv. ...

c. Prior to each inspection required by Subparagraph F.3.a or F.3.b of this Section, the owner or operator shall notify the Office of Environmental Services in advance of each inspection to provide the administrative authority with the opportunity to have an observer present during the inspection. The owner or operator shall notify the administrative authority of the date and location of the inspection as follows:

F.3.c.i. – L.2. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:1704 (September 1998), amended LR 25:440 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:279 (February 2000), LR 26:2474 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2106 (October 2007).

§1767. Reporting Requirements

A. Each owner or operator managing hazardous waste in a tank, surface impoundment, or container exempted from using air emission controls under the provisions of LAC 33:V.1751.C shall report to the Office of Environmental Compliance each occurrence when hazardous waste is placed in the waste management unit in noncompliance with the conditions specified in LAC 33:V.1751.C.1 or 2, as applicable. Examples of such occurrences include placing in the waste management unit a hazardous waste having an average VO concentration equal to or greater than 500 ppmw at the point of waste origination or placing in the waste management unit a treated hazardous waste of which the organic content has been reduced by an organic destruction or removal process that fails to achieve the applicable conditions specified in LAC 33:V.1751.C.2.a-f. The owner or operator shall submit a written report within 15 calendar days of the time that the owner or operator becomes aware of the occurrence. The written report shall contain the EPA identification number, facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent recurrence of the noncompliance. The report shall be signed and dated by an authorized representative of the owner or operator.

B. Each owner or operator using air emission controls on a tank in accordance with the requirements LAC 33:V.1755.C shall report to the Office of Environmental Compliance each occurrence when hazardous waste is managed in the tank in noncompliance with the conditions specified in LAC 33:V.1755.B. The owner or operator shall submit a written report within 15 calendar days of the time that the owner or operator becomes aware of the occurrence. The written report shall contain the EPA identification number, facility name and address, a description of the noncompliance event and the cause, the dates of the noncompliance, and the actions taken to correct the noncompliance and prevent recurrence of the noncompliance. The report shall be signed and dated by an authorized representative of the owner or operator.

C. Each owner or operator using a control device in accordance with the requirements of LAC 33:V.1761 shall

submit a semiannual written report to the Office of Environmental Compliance, except as provided for in Subsection D of this Section. The report shall describe each occurrence during the previous six-month period when either:

C.1. – D.2. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Waste Services, Hazardous Waste Division, LR 24:1720 (September 1998), amended LR 25:442 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2474 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2106 (October 2007).

Chapter 18. Containment Buildings

§1802. Design and Operating Standards

A. – C.3.a.iii. ...

iv. within seven days after the discovery of the condition, notify the Office of Environmental Services of the condition and, within 14 working days, provide a written notice to the administrative authority with a description of the steps taken to repair the containment building and the schedule for accomplishing the work;

b. ...

c. upon completing all repairs and cleanup, the owner or operator must notify the Office of Environmental Services in writing and provide a verification, signed by a qualified, registered professional engineer, that the repairs and cleanup have been completed according to the written plan submitted in accordance with LAC 33:V.1802.C.3.a.iv; and

C.4. – 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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2475 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2106 (October 2007).

Chapter 19. Tanks

§1905. Design and Installation of New Tank Systems or Components

A. Owners or operators of new tank systems or components must obtain and submit to the Office of Environmental Services, at the time of submittal of Part II information, a written assessment, reviewed and certified by an independent, qualified registered professional engineer, in accordance with LAC 33:V.513, attesting that the tank system has sufficient structural integrity and is acceptable for the storing and treating of hazardous waste. The assessment must show that the foundation, structural support, seams, connections and pressure controls (if applicable) are adequately designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be stored or treated and corrosion protection to ensure that it will not collapse, rupture or fail. This assessment, which will be used by the administrative authority to review and approve or disapprove the acceptability of the tank system design, must include, at a minimum, the following information:

A.1. – G. ...

H. Owners or operators of new tanks systems or components subject to the accumulation time exclusion of LAC 33:V.1109.E.1 must obtain and submit to the Office of Environmental Services, prior to placing the tank system in service, a written assessment, reviewed and certified by an independent registered professional engineer, in accordance with LAC 33:V.513, attesting that the tank system has sufficient structural integrity and is acceptable for storing or treating hazardous waste. The assessment must show that the foundation, structural support, seams, connections, and pressure controls (if applicable) are adequately designed, and that the tank system has sufficient structural strength, compatibility with the waste(s) to be stored or treated, and corrosion protection to ensure that it will not collapse, rupture, or fail. The assessment, which will be used by the administrative authority to review the acceptability of the tank system design, must include at a minimum the requirements specified in LAC 33:V.1905.A.1-5.

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 13:651 (November 1987), LR 16:614 (July 1990), LR 16:683 (August 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2475 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2107 (October 2007).

§1907. Containment and Detection of Releases

A. – H. ...

1. the Office of Environmental Assessment must be notified in writing by the owner or operator that he intends to conduct and submit a demonstration for a variance from secondary containment as allowed in LAC 33:V.1907.G according to the following schedule:

H.1.a. – I.5. ...

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 13:651 (November 1987), LR 14:790 (November 1988), LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2475 (November 2000), amended by the Office of Environmental Assessment, LR 31:1572 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2107 (October 2007).

§1913. Response to Leaks or Spills and Disposition of Leaking or Unfit-for-Use Tank Systems

A tank system or secondary containment system from which there has been a leak or spill, or that is unfit for use, must be removed from service immediately, and the owner or operator must satisfy the following requirements.

A. – D.2.b. ...

3. Within 30 days of detection of a release to the environment, a report containing the following information must be submitted to SPOC:

D.3.a. – E.4. ...

F. Certification of Major Repairs. If the owner/operator has repaired a tank system in accordance with LAC 33:V.1913.E and the repair has been extensive (e.g., installation of an internal liner; repair of a ruptured primary containment or secondary containment vessel), the tank system must not be returned to service unless the owner/operator has obtained a certification by an independent, qualified, registered, professional engineer in accordance with LAC 33:V.513 that the repaired system is capable of handling hazardous wastes without release for the intended life of the system. This certification must be submitted to the Office of Environmental Compliance within seven days after returning the tank system to use.

[NOTE: The administrative authority may, on the basis of any information received that there is or has been a release of hazardous waste or hazardous constituents into the environment, issue an order requiring corrective action or such other response as is deemed necessary to protect human health or the environment.]

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 13:651 (November 1987), LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2475 (November 2000), LR 30:1673 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2457 (October 2005), LR 33:2107 (October 2007).

Chapter 22. Prohibitions on Land Disposal

Subchapter A. Land Disposal Restrictions

§2227. Treatment Standards Expressed as Specified Technologies

A. ...

B. Any person may submit an application to the Office of Environmental Services demonstrating that an alternative treatment method can achieve a measure of performance equivalent to that achieved by methods specified in Subsections A, C, and D of this Section or specified in LAC 33:V.2299.Appendix, Table 8. The applicant must submit information demonstrating that his or her treatment method is in compliance with federal, state, and local requirements and is protective of human health and the environment. On the basis of such information and any other available information, the administrative authority may approve the use of the alternative treatment method if he or she finds that the alternative treatment method provides a measure of performance equivalent to those achieved by methods specified in Subsections A, C, and D of this Section or specified in LAC 33:V.2299.Appendix, Table 8. Any approval must be stated in writing and may contain such provisions and conditions as the administrative authority deems appropriate. The person to whom such approval is issued must comply with all limitations contained in such a determination.

C. – D. ...

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 16:1057 (December 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 24:300 (February 1998), LR 25:445 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2476 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2457 (October 2005), LR 33:2107 (October 2007).

§2231. Variance from a Treatment Standard

A. – A.2.b. ...

B. Each petition must be submitted to the Office of Environmental Services for consideration in accordance with the procedures in LAC 33:V.105.H.

C. – C.2. ...

D. The EPA administrator and/or the Office of Environmental Services will give public notice of the intent to approve or deny a petition and will provide the person requesting the variance and the public, through a newspaper notice in the official state journal and the local newspaper in the affected area, the cost of which will be charged to the person requesting the variance, the opportunity to submit written comments on the request and the conditions of the variance, allowing a 30-day comment period. The notices referred to in this Section will be provided in the local newspaper in three separate issues; however, the 30-day comment or notice period shall begin with the notice in the official state journal. The administrative authority will also, in response to a request or at his or her own discretion, hold a public hearing whenever such a hearing might clarify one or more issues concerning the variance request. The administrative authority will give public notice of the hearing at least 30 days before it occurs. (Public notice of the hearing may be given at the same time as notice of the opportunity for the public to submit written comments.) The final decision on a variance from a treatment standard will also be published.

E. – M. ...

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 16:1057 (December 1990), LR 17:658 (July 1991), LR 21:266 (March 1995), LR 21:1334 (December 1995), LR 22:22 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:445 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2476 (November 2000), LR 27:1015 (July 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2458 (October 2005), LR 33:2108 (October 2007).

§2237. Exemption for Surface Impoundments Treating Hazardous Waste

A. – A.3.c. ...

4. the owner or operator must submit to the Office of Environmental Services a written certification that the requirements of Paragraph A.3 of this Section have been met and a copy of the waste analysis plan required under Paragraph A.2 of this Section. The following certification is required.

"I certify under penalty of law that the requirements of LAC 33:V.2237.A.3 have been met for all surface impoundments being used to treat prohibited wastes. I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment."

B. – C.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 15:378 (May 1989), amended LR 17:658 (July 1991), LR 21:266 (March 1995), LR 21:1334 (December 1995), LR 22:22 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1727 (September 1998), LR 25:447 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2476 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2458 (October 2005), LR 33:2108 (October 2007).

§2239. Procedures for Case-by-Case Extensions of an Effective Date

A. Any person who generates, treats, stores, or disposes of a hazardous waste may submit an application to the Office of Environmental Services for an extension of the effective date of any applicable prohibition established under this Chapter. The applicant must provide the following, and in each case the burden of proof will be on the applicant:

A.1. – F. ...

G. Any person granted an extension under this Section must immediately notify the Office of Environmental Services as soon as he or she has knowledge of any change in the conditions certified in the application.

H. Any person granted an extension under this Section shall submit written progress reports at intervals designated by the Office of Environmental Services, which may not exceed six months. Such reports must describe the overall progress made toward constructing or otherwise providing alternative treatment, recovery, or disposal capacity; must identify any event that may cause or has caused a delay in the development of the capacity, and must summarize the steps taken to mitigate the delay. The administrative authority can revoke the extension at any time if the applicant does not make a good-faith effort to meet the schedule for completion, if the department denies or revokes any required permit, if conditions certified in the application change, or for any violation of the Louisiana Environmental Quality Act or regulations promulgated thereto.

I. – J. ...

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 16:1057 (December 1990), LR 17:658 (July 1991), LR 22:22 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1727 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2477 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2458 (October 2005), LR 33:2108 (October 2007).

§2241. Exemptions to Allow Land Disposal of a Prohibited Waste Except by Deep Well Injection

A. Any person seeking an exemption to allow land disposal except by deep well injection of a prohibited hazardous waste in a particular unit or units must submit a petition to the Office of Environmental Services that meets the following requirements.

A.1. – F.5.c. ...

G. Each petition must be submitted to the Office of Environmental Services.

H. ...

1. If the owner or operator plans to make changes to the unit design, construction, or operation, such changes must be proposed in writing, and the owner or operator shall submit a demonstration to the Office of Environmental Services at least 30 days before making the changes. The administrative authority will determine whether the proposed changes invalidate the terms of the petition and will determine the appropriate response. Any changes must be approved by the administrative authority prior to being made.

2. If the owner or operator discovers that a condition at the site that was modeled or predicted in the petition does not occur as predicted, this change must be reported, in writing, to the Office of Environmental Services within 10 days of discovery of the change. The administrative authority will determine whether the reported change from the terms of the petition requires further action, which may

include termination of waste acceptance and revocation of the petition or petition modifications, or other responses.

I. ...

J. Each petition must include the following statement signed by the petitioner or a duly authorized representative and must be submitted to the Office of Environmental Services.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this petition and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment."

K. – Q. ...

R. As a condition of the exemption, the petitioner must submit a report to the Office of Environmental Services by March 1 of each calendar year during the term of the exemption that describes in detail the efforts undertaken during the preceding calendar year to reduce the volume and toxicity of the waste generated. The report shall provide data indicating the change in volume and toxicity of waste actually achieved during the year in comparison to previous years.

S. – T.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 15:378 (May 1989), amended LR 16:220 (March 1990), LR 16:1057 (December 1990), LR 17:658 (July 1991), LR 22:22 (January 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1727 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2477 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2458 (October 2005), LR 33:2109 (October 2007).

§2245. Generators' Waste Analysis, Recordkeeping, and Notice Requirements

A. – E.1. ...

2. Such plan must be filed with the Office of Environmental Services, a minimum of 30 days prior to the treatment activity, with delivery verified.

E.3. – K. ...

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 16:1057 (December 1990), LR 17:658 (July 1991), LR 21:266, 267 (March 1995), LR 21:1334 (December 1995), LR 22:22 (January 1996), LR 22:820 (September 1996), LR 22:1130 (November 1996), LR 23:565 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:669 (April 1998), LR 24:1728 (September 1998), LR 25:447 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:281 (February 2000), LR 26:2478 (November 2000), LR 27:295 (March 2001), LR 27:711 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2459 (October 2005), LR 33:2109 (October 2007).

§2246. Special Rules Regarding Wastes That Exhibit a Characteristic

A. – C. ...

D. Wastes that exhibit a characteristic are also subject to the requirements of LAC 33:V.2245, except that once the waste is no longer hazardous, a one-time notification and certification must be placed in the generator or treaters files and sent to the Office of Environmental Services. The notification and certification must be updated if the process or operation generating the waste changes and/or if the solid waste disposal facility receiving the waste changes. However, the generator or treater need only notify the administrative authority on an annual basis if such changes occur. In such circumstances, a notification and certification must be sent to the administrative authority by the end of the calendar year, but no later than December 31.

D.1. – E. ...

1. A one-time notification, including the following information, must be submitted to the Office of Environmental Services:

E.1.a. – F.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 16:1057 (December 1990), amended 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 24:669 (April 1998), LR 24:1730 (September 1998), LR 25:449 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:281 (February 2000), LR 26:2478 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2459 (October 2005), LR 33:2109 (October 2007).

§2247. Owners or Operators of Treatment or Disposal Facilities: Testing, Waste Minimization, Recordkeeping and Notice Requirements

A. – D. ...

E. Where the wastes are recyclable materials used in a manner constituting disposal subject to the provisions in LAC 33:V.4139.B-D regarding treatment standards and prohibition levels, the owner or operator of a treatment facility (i.e., the recycler) is not required to notify the receiving facility, in accordance with Subsection B of this Section. With each shipment of such wastes the owner or operator of the recycling facility shall submit a certification described in Subsection C of this Section and a notice that includes the information listed in Subsection B of this Section (except the manifest number) to the Office of Environmental Services. The recycling facility shall also

keep records of the name and location of each entity receiving the hazardous waste-derived product.

F. – 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 LR16:1057 (December 1990), LR 17:658 (July 1991), LR 21:266, 267 (March 1995), LR 21:1334 (December 1995), LR 22:22 (January 1996), LR 22:820 (September 1996), LR 23:566 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:670 (April 1998), LR 24:1730 (September 1998), LR 25:449 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:282 (February 2000), LR 26:2478 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2459 (October 2005), LR 32:607 (April 2006), LR 33:2110 (October 2007).

Subchapter B. Hazardous Waste Injection Restrictions

§2253. Procedures for Case-by-Case Extensions to an Effective Date

A. The owner or operator of a Class I hazardous waste injection well may submit an application to the Office of Environmental Services for an extension of the effective date of any applicable prohibition established under LAC 33:V.Chapter 22.Subchapter A according to the procedures of LAC 33:V.2239.

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 22:22 (January 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2479 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2460 (October 2005), LR 33:2110 (October 2007).

§2271. Exemptions to Allow Land Disposal of a Prohibited Waste by Deep Well Injections

A. Any person seeking an exemption to allow land disposal by deep well injection of a prohibited hazardous waste in a particular injection well or wells must submit a petition to the Office of Environmental Services that does the following.

A.1. – G.2. ...

H. Any person who has been granted an exemption pursuant to this Section may submit a petition to the Office of Environmental Services for reissuance of the exemption to include an additional prohibited waste or wastes or to modify any conditions placed on the exemption by the administrative authority. The administrative authority may reissue the exemption if the petitioner complies with the requirements of Subsections A-F of this Section.

I. Any person who has been granted an exemption pursuant to this Section may submit a petition to the Office of Environmental Services to modify an exemption to include an additional nonprohibited hazardous waste or wastes. The administrative authority may grant the modification if he or she determines, to a reasonable degree of certainty, that the additional waste or wastes will behave hydraulically and chemically in a manner similar to previously included wastes and that it will not interfere with the containment capability of the injection zone.

J. – U.4.c. ...

5. The permittee shall submit a request to the Office of Environmental Services for reissuance of the exemption at least 180 days prior to the end of the term. If the applicant submits a timely and technically complete application, and the administrative authority, through no fault of the applicant, fails to act on the application for reissuance on or before the expiration date of the existing exemption, the permittee may, with the written approval of the administrative authority, continue to operate under the terms and conditions of the existing exemption which shall remain in effect until final action on the application is taken by the administrative authority.

V. Corrective Action for Wells in the Area of Review

1. The petitioner shall submit a plan to the Office of Environmental Assessment outlining the protocol used to:

V.1.a. – Y. ...

Z. As a condition of the exemption, the petitioner must submit a report to the Office of Environmental Services by March 1 of each calendar year during the term of the exemption, describing in detail the efforts undertaken during the preceding calendar year to reduce the volume and toxicity of the waste generated. The report shall provide data indicating the change in volume and toxicity of waste actually achieved during the year in comparison to previous years.

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 22:22 (January 1996), amended LR 23:299 (March 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2479 (November 2000), LR 30:1674 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2460 (October 2005), LR 33:2110 (October 2007).

§2273. Petition for Determinations Concerning No Alternatives to Land Disposal of a Prohibited Waste by Deep Well Injection

A. – B. ...

C. Any person seeking a determination of no alternatives must submit a petition to the Office of Environmental Services that does the following:

C.1. – D. ...

E. Except as otherwise provided in this Section, if a hazardous waste not subject to an existing determination is to be injected, a petition that addresses such hazardous waste

must be submitted to the Office of Environmental Assessment and a determination of no alternatives be made prior to this waste being injected. The provisions contained in Subsection J of this Section, shall apply with respect to such hazardous waste.

1. – 2. ...

F. If a new injection well(s) is to be used to inject a hazardous waste subject to an existing approved determination under this Section, a new petition is not necessary, provided the owner or operator submits a notice to the Office of Environmental Assessment. The notice shall include a copy of the EPA exemption approval for the new well(s) and a copy of the permit issued by the Louisiana Department of Natural Resources, Office of Conservation for the new well(s).

G. – L.1. ...

2. The petitioner shall submit a petition to the Office of Environmental Services for reissuance of a determination at least 180 days prior to the end of the term. If the petitioner submits a timely and technically complete petition and the administrative authority, through no fault of the petitioner, fails to act on the petition for reissuance on or before the expiration date of the existing determination, the petitioner may, with the written approval of the administrative authority, continue to operate under the terms and conditions of the existing determination, which shall remain in effect until final action on the petition is taken by the administrative authority and all subsequent administrative and/or judicial appeal processes have been completed.

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:1801 (October 1999), amended LR 26:2479 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2460 (October 2005), LR 33:2110 (October 2007).

Chapter 23. Waste Piles

§2303. Design and Operating Requirements

A. – K.4. ...

a. notify the Office of Environmental Services of the leak in writing within seven days after detecting the leak; and

K.4.b. – L. ...

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 20:1000 (September 1994), LR 21:266, 267 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2480 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2111 (October 2007).

§2306. Response Actions

A. – B. ...

1. notify the Office of Environmental Services in writing of the exceedence within seven days of the determination;

2. submit a preliminary written assessment to the Office of Environmental Services within 14 days of the determination, as to the amount of liquids, likely sources of liquids, possible location, size, and cause of any leaks, and short-term actions taken and planned;

3. – 5. ...

6. within 30 days after the notification that the action leakage rate has been exceeded, submit to the Office of Environmental Services the results of the analyses specified in LAC 33:V.2306.B.3-5, of actions taken, and of remedial actions planned. Monthly thereafter, as long as the flow rate in the leak detection system exceeds the action leakage rate, the owner or operator must submit to the administrative authority a report summarizing the results of any remedial actions taken and actions planned.

C. – C.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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2480 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2111 (October 2007).

§2307. Inspection of Synthetic Liners

A. The facility must provide the Office of Environmental Services with 30 days advance notice of the initial liner installation to allow the administrative authority the opportunity to inspect the liner and its installation.

B. The liner must be inspected on a regular basis by removing the waste pile. The facility must notify the Office of Environmental Services at least 30 days prior to the inspection to allow the administrative authority the opportunity to inspect the liner. If deterioration, a crack, or other condition is identified that is causing or could cause a leak, the owner or operator must:

1. – 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 by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2480 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2111 (October 2007).

Chapter 25. Landfills

§2508. Response Actions

A. – B. ...

1. notify the Office of Environmental Services in writing of the exceedence within seven days of the determination;

2. submit a preliminary written assessment to the Office of Environmental Services, within 14 days of the determination, as to the amount of liquids, likely sources of liquids, possible location, size, and cause of any leaks, and short-term actions taken and planned;

3. – 5. ...

6. within 30 days after the notification that the action leakage rate has been exceeded, submit to the Office of Environmental Services the results of the analyses specified in LAC 33:V.2508.B.3-5, the results of actions taken, and actions planned. Monthly thereafter, as long as the flow rate in the leak detection system exceeds the action leakage rate, the owner or operator must submit to the administrative authority a report summarizing the results of any remedial actions taken and remedial actions planned.

C. – C.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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2481 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2461 (October 2005), LR 33:2111 (October 2007).

§2521. Closure and Post-Closure Care

A. – B.6. ...

C. During the post-closure care period, if liquid leaks into a leak detection system installed under LAC 33:V.3305, the owner or operator must notify the Office of Environmental Services of the leak in writing within seven days after detecting the leak.

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 20:1000 (September 1994), LR 21:266 (March 1995), LR 21:944 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2481 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2112 (October 2007).

Chapter 27. Land Treatment

§2707. Treatment Demonstration

A. – D.2.b. ...

3. When the owner or operator who has been issued a two-phase permit has completed the treatment demonstration, he must submit to the Office of Environmental Services a certification, signed by a person authorized to sign a permit application or report under LAC 33:V.507 and 509, that the field tests or laboratory analyses have been carried out in accordance with the conditions specified in phase one of the permit for conducting such tests or analyses. The owner or operator must also submit all data collected during the field tests or laboratory analyses within 90 days of completion of those tests or analyses unless the administrative authority approves a later date.

4. – 4.c. ...

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 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2481 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2461 (October 2005), LR 33:2112 (October 2007).

§2711. Unsaturated Zone Monitoring

An owner or operator subject to this Chapter must establish an unsaturated zone monitoring program to discharge the following responsibilities.

A. – G. ...

1. notify the Office of Environmental Services of this finding in writing within seven days. The notification must indicate what constituents have shown statistically significant increases;

2. within 90 days, submit to the Office of Environmental Services an application for a permit modification to modify the operating practices at the facility in order to maximize the success of degradation, transformation, or immobilization processes in the treatment zone.

H. ...

1. notify the Office of Environmental Services in writing within seven days of determining a statistically significant increase below the treatment zone that he intends to make a determination under this Subsection;

2. within 90 days, submit a report to the Office of Environmental Services demonstrating that a source other than the regulated units caused the increase or that the increase resulted from error in sampling, analysis, or evaluation;

3. within 90 days, submit to the Office of Environmental Services an application for a permit modification to make any appropriate changes to the unsaturated zone monitoring program at the facility; and

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 by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2481 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2461 (October 2005), LR 33:2112 (October 2007).

§2719. Closure and Post-Closure Care

A. – A.8. ...

B. For the purpose of complying with LAC 33:V.3517, when closure is completed, the owner or operator may submit to the Office of Environmental Services certification by an independent qualified soil scientist, in lieu of an independent registered professional engineer, that the facility has been closed in accordance with the specifications in the approved closure plan.

C. – C.7. ...

D. The owner or operator is not subject to regulation under Paragraph A.8 and Subsection C of this Section if the administrative authority finds that the level of hazardous constituents in the treatment zone soil does not exceed the background value of those constituents by an amount that is statistically significant when using the test specified in Paragraph D.3 of this Section. The owner or operator may submit such a demonstration to the Office of Environmental Services at any time during the closure or post-closure care periods. For the purposes of this Subsection:

1. – 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 14:790 (November 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2482 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2461 (October 2005), LR 33:2112 (October 2007).

Chapter 28. Drip Pads

§2803. Assessment of Existing Drip Pad Integrity

A. ...

B. The owner or operator must develop a written plan for upgrading, repairing, and modifying the drip pad to meet the requirements of LAC 33:V.2805.C and submit the plan to the Office of Environmental Services no later than two years before the date that all repairs, upgrades, and modifications will be complete. This written plan must describe all changes to be made to the drip pad in sufficient detail to document compliance with all the requirements of LAC 33:V.2805 and must document the age of the drip pad to the extent possible. The plan must be reviewed and certified by an independent qualified, registered professional engineer.

C. Upon completion of all upgrades, repairs, and modifications, the owner or operator must submit to the Office of Environmental Services the as-built drawings for the drip pad together with a certification by an independent qualified, registered professional engineer attesting that the drip pad conforms to the drawings.

D. ...

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 18:1375 (December 1992), amended LR 21:944 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2482 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2462 (October 2005), LR 33:2112 (October 2007).

§2805. Design and Operating Requirements

Owners and operators of drip pads must ensure that the pads are designed, installed, and operated in accordance with Subsection A or C of this Section.

A. – N.2. ...

3. Upon completing all repairs and cleanup, the owner or operator must notify SPOC in writing and provide a certification, signed by an independent qualified, registered professional engineer, that the repairs and cleanup have been completed according to the written plan submitted in accordance with Subparagraph N.1.d of this Section.

O. – P. ...

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 18:1375 (December 1992), amended LR 21:266 (March 1995), LR 21:944 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2482 (November 2000), LR 30:1674 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2462 (October 2005), LR 33:2113 (October 2007).

Chapter 29. Surface Impoundments

§2903. Design and Operating Requirements

[Comment: The permit applicant must submit detailed plans and specifications accompanied by an engineering report that must collectively include the information itemized and address the following in addition to the design and operating requirements:

(1) a description of the proposed maintenance and repair procedures;

(2) a description of the operating procedures that will ensure compliance with this Section; and

(3) a certification by a qualified engineer that states that the facilities comply with the applicable design requirements in this Section. The owner or operator of a new facility must submit a statement by a qualified engineer that he will provide such a certification upon completion of construction in accordance with the plans and specifications.]

A. – I.4. ...

a. notify the Office of Environmental Services of the leak in writing within seven days after detecting the leak; and

I.4.b. – L.2.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 16:220 (March 1990), LR 17:658 (July 1991), LR 18:1256 (November 1992), LR 20:1000 (September

1994), LR 21:266, 267 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2482 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2462 (October 2005), LR 33:2113 (October 2007).

§2906. Response Actions

A. – B. ...

1. notify the Office of Environmental Services in writing of the exceedence within seven days of the determination;

2. submit a preliminary written assessment to the Office of Environmental Services within 14 days of the determination, as to the amount of liquids, likely sources of liquids, possible location, size, and cause of any leaks, and short-term actions taken and planned;

3. – 5. ...

6. within 30 days after the notification that the action leakage rate has been exceeded, submit to the Office of Environmental Services the results of the analyses specified in Paragraphs B.3-5 of this Section, the results of actions taken, and remedial actions planned. Monthly thereafter, as long as the flow rate in the leak detection system exceeds the action leakage rate, the owner or operator must submit to the Office of Environmental Services a report summarizing the results of any remedial actions taken and actions planned.

C. – C.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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2483 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2462 (October 2005), LR 33:2113 (October 2007).

Chapter 30. Hazardous Waste Burned in Boilers and Industrial Furnaces

§3005. Permit Standards for Burners

A. – D.4.b. ...

c. For the period immediately following completion of the trial burn, and only for the minimum period sufficient to allow the owner or operator to analyze samples, compute data, and submit to the Office of Environmental Services the trial burn results, and for the administrative authority to modify the facility permit to reflect the trial burn results, the administrative authority will specify the operating requirements most likely to ensure compliance with the emission standards of LAC 33:V.3009-3015, based on engineering judgment.

D.4.d. – I. ...

[NOTE: Parts of this Section were previously promulgated in LAC 33:V.4142 which has been repealed.]

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 18:1375 (December 1992), amended LR 21:266 (March 1995), LR 21:944 (September 1995), LR 22:822 (September 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2483 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2463 (October 2005), LR 33:2113 (October 2007).

§3007. Interim Status Standards for Burners

A. – B.5.c. ...

6. Public Notice Requirements at Precompliance. On or before August 21, 1991, the owner or operator must submit a notice with the following information for publication in a major local newspaper of general circulation and send a copy of the notice to the appropriate units of state and local government. The owner or operator must provide to the Office of Environmental Services with the certification of precompliance evidence of submitting the notice for publication. The notice, which shall be entitled "Notice of Certification of Precompliance with Hazardous Waste Burning Requirements of LAC 33:V.3007.B," must include:

B.6.a. – C.1.m. ...

2. Prior Notice of Compliance Testing. At least 30 days prior to the compliance testing required by Paragraph C.3 of this Section, the owner or operator shall notify the Office of Environmental Services and submit the following information:

2.a. –7.b.iii. ...

8. Revised Certification of Compliance. The owner or operator may submit at any time a revised certification of compliance (recertification of compliance) to the Office of Environmental Services under the following procedures:

a. ...

b. at least 30 days prior to first burning hazardous waste under operating conditions that exceed those established under a current certification of compliance, the owner or operator shall notify the Office of Environmental Services and submit the following information:

i. – iii. ...

iv. complete emissions testing protocol for any pretesting and for a new compliance test to determine compliance with the applicable emissions standards of LAC 33:V.3009-3015 when operating under revised operating conditions. The protocol shall include a schedule of pre-testing and compliance testing. If the owner and operator revises the scheduled date for the compliance test, he/she shall notify the Office of Environmental Services in writing at least 30 days prior to the revised date of the compliance test;

c. ...

d. submit to the Office of Environmental Services a revised certification of compliance under Paragraph C.4 of this Section.

D. Periodic Recertifications. The owner or operator must conduct compliance testing and submit to the Office of Environmental Services a recertification of compliance under provisions of Subsection C of this Section within three years from submitting the previous certification or recertification. If the owner or operator seeks to recertify compliance under new operating conditions, he/she must comply with the requirements of Paragraph C.8 of this Section.

E. – L. ...

[NOTE: Parts of this Section were previously promulgated in LAC 33:V.4142 which has been repealed.]

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 18:1375 (December 1992), amended LR 21:266 (March 1995), LR 22:822 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1740 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2483 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2463 (October 2005), LR 33:2114 (October 2007).

§3009. Standards to Control Organic Emissions

A boiler or industrial furnace burning hazardous waste must be designed, constructed, and maintained so that, when operated in accordance with operating requirements specified under LAC 33:V.3005.E, it will meet the following standards.

A. – A.2. ...

3. Dioxin-Listed Waste. A boiler or industrial furnace burning hazardous waste containing (or derived from) EPA Hazardous Waste Numbers F020, F021, F022, F023, F026, or F027 must achieve a DRE of 99.9999 percent for each POHC designated (under Subparagraph A.1.b of this Section) in its permit. This performance must be demonstrated on POHCs that are more difficult to burn than tetra-, penta-, and hexachlorodibenzo-p-dioxins and dibenzofurans. The DRE is determined for each POHC from the equation in Paragraph A.1 of this Section. In addition, the owner or operator of the boiler or industrial furnace must notify the Office of Environmental Services of his intent to burn EPA Hazardous Waste Numbers F020, F021, F022, F023, F026, or F027.

A.4. – 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 18:1375 (December 1992), amended LR 21:266 (March 1995), LR 22:823 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1741 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2484 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2463 (October 2005), LR 33:2114 (October 2007).

Chapter 31. Incinerators

§3103. General Requirements

A. The operator of a hazardous waste incinerator shall secure a permit from the Office of Environmental Services.

[Comment: The permit application must also include the information required in LAC 33:V.3115.]

B. – D. ...

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 26:2484 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2464 (October 2005), LR 33:2114 (October 2007).

§3115. Incinerator Permits for New or Modified Facilities

A. – B.13.j. ...

14. the applicant must submit to the Office of Environmental Services a certification that the trial burn has been carried out in accordance with the approved trial burn plan, and must submit the results of all the determinations required in Paragraph B.13 of this Section. This submission shall be made within 90 days of completion of the trial burn, or later if approved by the administrative authority;

15. all data collected during any trial burn must be submitted to the Office of Environmental Services following the completion of the trial burn;

B.16. – C.2. ...

D. For the purposes of determining feasibility of compliance with the performance standards of LAC 33:V.3111 and of determining adequate operating conditions under LAC 33:V.3117, the applicant for a permit for an existing hazardous waste incinerator must prepare and submit to the Office of Environmental Services a trial burn plan and perform a trial burn in accordance with LAC 33:V.529.B and Paragraphs B.1-11 and 13-16 of this Section or, instead, submit other information as specified in LAC 33:V.529.C. The administrative authority must announce his or her intention to approve the trial burn plan in accordance with the timing and distribution requirements of Paragraph B.12 of this Section. The contents of the notice must include: the name and telephone number of a contact person at the facility; the name and telephone number of a contact office at the permitting agency; the location where the trial burn plan and any supporting documents can be reviewed and copied; and a schedule of the activities that are required prior to permit issuance, including the anticipated time schedule for agency approval of the plan and the time period during which the trial burn would be conducted. Applicants

submitting information under LAC 33:V.529.A are exempt from compliance with LAC 33:V.3111 and 3117 and, therefore, are exempt from the requirements to conduct a trial burn. Applicants who submit trial burn plans and receive approval before submission of a permit application must complete the trial burn and submit the results, specified in Paragraph B.13 of this Section, with Part II of the permit application. If completion of this process conflicts with the date set for submission of the Part II application, the applicant must contact the administrative authority to establish a later date for submission of the Part II application or the trial burn results. Trial burn results must be submitted prior to issuance of a permit. When the applicant submits a trial burn plan with Part II of the permit application, the administrative authority will specify a time period prior to permit issuance in which the trial burn must be conducted and the results submitted.

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 LR 10:496 (July 1984), LR 16:614 (July 1990), LR 18:1256 (November 1992), LR 22:828, 835 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:683 (April 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2484 (November 2000), LR 27:302 (March 2001), LR 29:324 (March 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2464 (October 2005), LR 33:2115 (October 2007).

Chapter 33. Ground Water Protection

§3317. Detection Monitoring Program

An owner or operator required to establish a detection monitoring program under this Subpart must, at a minimum, discharge the following responsibilities.

A. – G.3. ...

4. Within 90 days, submit to the Office of Environmental Services an application for a permit modification to establish a compliance monitoring program meeting the requirements of LAC 33:V.3319. The application must include the following information:

a. – d. ...

5. Within 180 days, submit to the Office of Environmental Services:

5.a. – 6. ...

a. notify the Office of Environmental Services in writing within seven days of determining statistically significant evidence of contamination at the compliance point that he or she intends to make a demonstration under this Paragraph;

b. within 90 days, submit a report to the Office of Environmental Services that demonstrates that a source other than a regulated unit caused the contamination or that the contamination resulted from error in sampling, analysis, or evaluation;

G.6.c. – 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 LR 10:280 (April 1984), LR 10:496 (July 1984), LR 16:399 (May 1990), LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2485 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2464 (October 2005), LR 33:2115 (October 2007).

§3319. Compliance Monitoring Program

An owner or operator required to establish a compliance monitoring program under this Chapter must, at a minimum, discharge the following responsibilities.

A. – H. ...

1. notify the Office of Environmental Services of this finding in writing within seven days. The notification must indicate what concentration limits have been exceeded; and

2. submit to the Office of Environmental Services an application for a permit modification to establish a corrective action program meeting the requirements of LAC 33:V.3321 within 180 days, or within 90 days if an engineering feasibility study has been previously submitted to the administrative authority under LAC 33:V.3317.H.5. The application must at a minimum include the following information:

H.2.a. – I. ...

1. notify the Office of Environmental Services in writing within seven days that he intends to make a demonstration under this Paragraph;

2. within 90 days, submit a report to the Office of Environmental Services that demonstrates that a source other than a regulated unit caused the standard to be exceeded or that the apparent noncompliance with the standards resulted from error in sampling, analysis or evaluation;

3. within 90 days, submit to the Office of Environmental Services an application for a permit modification to make any appropriate changes to the compliance monitoring program at the facility; and

4. ...

J. If the owner or operator determines that the compliance monitoring program no longer satisfies the requirements of this Section, he must, within 90 days, submit to the Office of Environmental Services an application for a permit modification to make any appropriate changes to the program.

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 16:399 (May 1990), LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2485 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2464 (October 2005), LR 33:2115 (October 2007).

§3321. Corrective Action Program

An owner or operator required to establish a corrective action program under this Subpart must, at a minimum, discharge the following responsibilities:

A. – F. ...

G. the owner or operator must report in writing to the Office of Environmental Services on the effectiveness of the corrective action program. The owner or operator must submit these reports semiannually; and

H. if the owner or operator determines that the corrective action program no longer satisfies the requirements of this Section, he must, within 90 days, submit to the Office of Environmental Services an application for a permit modification to make any appropriate changes to the program.

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 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2485 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2465 (October 2005), LR 33:2116 (October 2007).

Chapter 35. Closure and Post-Closure

§3503. Notification of Intention to Close a Facility

A. At least 180 days prior to closure, the operator must notify the Office of Environmental Services of intention to close and supply the following information:

1. – 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 by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2486 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2465 (October 2005), LR 33:2116 (October 2007).

Subchapter A. Closure Requirements

§3505. Closure Procedures

A. ...

B. If the request is made to change the closure plan, the operator will submit revisions to the plan to the Office of Environmental Services, supported by necessary scientific and engineering data to permit evaluation by the department, and the procedures established in permit process will be followed in evaluating and approving the requested changes.

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 26:2486 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2465 (October 2005), LR 33:2116 (October 2007).

§3511. Closure Plan; Amendment of Plan

A. – B.8. ...

C. Amendment of Plan. The owner or operator must submit to the Office of Environmental Services a written notification of or request for a permit modification to authorize a change in operating plans, facility design, or the approved closure plan in accordance with the applicable procedures in LAC 33:V.Chapters 3 and 7. The written notification or request must include a copy of the amended closure plan for review or approval by the administrative authority.

1. The owner or operator may submit a written notification or request to the Office of Environmental Services for a permit modification to amend the closure plan at any time prior to the notification of partial or final closure of the facility.

2. – 2.c. ...

3. The owner or operator must submit to the Office of Environmental Services a written request for a permit modification including a copy of the amended closure plan for approval at least 60 days prior to the proposed change in facility design or operation, or no later than 60 days after an unexpected event has occurred that has affected the closure plan. If an unexpected event occurs during the partial or final closure period, the owner or operator must request a permit modification no later than 30 days after the unexpected event. An owner or operator of a surface impoundment or waste pile that intends to remove all hazardous waste at closure and is not otherwise required to prepare a contingent closure plan under LAC 33:V.2911.D or 2315.D must submit an amended closure plan to the Office of Environmental Services no later than 60 days from the date that the owner or operator or administrative authority determines that the hazardous waste management unit must be closed as a landfill, subject to the requirements of LAC 33:V.2521, or no later than 30 days from that date if the determination is made during partial closure or final closure. The administrative authority will approve, disapprove, or modify this amended plan in accordance with the procedures in LAC 33:V.Chapters 3 and 7. In accordance with LAC 33:V.311, the approved closure plan will become a condition of any hazardous waste permit issued.

4. – 5. ...

D. Notification of Partial Closure and Final Closure

1. The owner or operator must notify the Office of Environmental Services in writing at least 60 days prior to the date on which he expects to begin closure of a surface impoundment, waste pile, land treatment or landfill unit, or final closure of a facility with such a unit. The owner or operator must notify the Office of Environmental Services in writing at least 45 days prior to the date on which he expects to begin final closure of a facility with only treatment or storage tanks, container storage, or incinerator units to be closed. The owner or operator must notify the Office of Environmental Services in writing at least 45 days prior to the date on which he expects to begin partial or final closure of a boiler or industrial furnace, whichever is earlier.

D.2. – 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 LR 13:433 (August 1987), LR 14:791 (November 1988), LR 16:399 (May 1990), LR 16:614 (July 1990), LR 17:478 (May 1991), LR 18:1256 (November 1992), LR 18:1375 (December 1992), LR 21:266 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:480 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2486 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2465 (October 2005), LR 33:2116 (October 2007).

§3513. Closure; Time Allowed for Closure

A. – E. ...

1. Submit to the Office of Environmental Services, with the request to modify the permit:

1.a. – 7.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 LR 13:433 (August 1987), LR 17:478 (May 1991), LR 20:1000 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2486 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2466 (October 2005), LR 33:2117 (October 2007).

§3517. Certification of Closure

A. Within 60 days of completion of closure of each hazardous waste surface impoundment, waste pile, land treatment, and landfill unit, and within 60 days of the completion of final closure, the owner or operator must submit to the Office of Environmental Services, by registered mail, a certification that the hazardous waste management unit or facility, as applicable, has been closed in accordance with the specifications in the approved closure plan. The certification must be signed by the owner or operator and by an independent registered professional engineer. Documentation supporting the independent registered professional engineer's certification must be furnished to the administrative authority upon request until he releases the owner or operator from the financial assurance requirements for closure under LAC 33:V.3707.

B. Survey Plat. No later than the submission of the certification of closure of each hazardous waste disposal unit, the owner or operator must submit to the local zoning authority, or the authority with jurisdiction over local land use, and to the Office of Environmental Services a survey plat indicating the location and dimensions of landfills cells or other hazardous waste disposal units with respect to permanently surveyed benchmarks. This plat must be prepared and certified by a professional land surveyor. The plat filed with the local zoning authority, or the authority with jurisdiction over local land use, must contain a note, prominently displayed, that states the owner's or operator's obligation to restrict disturbance of the hazardous waste disposal unit in accordance with the applicable Chapter 35 regulations.

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 13:433 (August 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2487 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2466 (October 2005), LR 33:2117 (October 2007).

Subchapter B. Post-Closure Requirements

§3523. Post-Closure Plan, Amendment of Plan

A. Written Plan. The owner or operator of a hazardous waste disposal unit must have a written post-closure plan. In addition, certain surface impoundments and waste piles from which the owner or operator intends to remove or decontaminate the hazardous wastes at partial or final closure are required by LAC 33:V.2911.D and 2315.C to have contingent post-closure plans. Owners or operators of surface impoundments and waste piles not otherwise required to prepare contingent post-closure plans under LAC 33:V.2315.C and 2911.D must submit a post-closure plan to the Office of Environmental Services within 90 days from the date that the owner or operator or administrative authority determines that the hazardous waste management unit must be closed as a landfill, subject to the requirements of LAC 33:V.3519-3527. The plan must be submitted with the permit application, in accordance with LAC 33:V.517.P, and approved by the administrative authority as part of the permit issuance procedures under these regulations. In accordance with LAC 33:V.311 the approved post-closure plan will become a condition of any hazardous waste permit issued.

B. – C. ...

D. Amendment of Plan. The owner or operator must submit to the Office of Environmental Services a written notification of or request for a permit modification to authorize a change in the approved post-closure plan in accordance with the applicable requirements of LAC

33:V.Chapters 3 and 7. The written notification or request must include a copy of the amended post-closure plan for review or approval by the administrative authority.

1. The owner or operator may submit a written notification or request to the Office of Environmental Services for a permit modification to amend the post-closure plan at any time during the active life of the facility or during the post-closure care period.

2. – 2.d. ...

3. The owner or operator must submit a written request for a permit modification at least 60 days prior to the proposed change in facility design or operation, or no later than 60 days after an unexpected event has occurred that has affected the post-closure plan. An owner or operator of a surface impoundment or waste pile that intends to remove all hazardous waste at a closure and is not otherwise required to submit a contingent post-closure plan under LAC 33:V.2911.D and 2315.C must submit a post-closure plan to the Office of Environmental Services no later than 90 days after the date that the owner or operator or administrative authority determines that the hazardous waste management unit must be closed as a landfill, subject to the requirements of LAC 33:V.2521. The administrative authority will approve, disapprove, or modify this plan in accordance with the procedures in LAC 33:V.Chapters 3 and 7. In accordance with LAC 33:V.311, the approved post-closure plan will become a permit condition.

4. ...

E. Certification of Completion of Post-Closure Care. No later than 60 days after completion of the established post-closure care period for each hazardous waste disposal unit, the owner or operator must submit to the Office of Environmental Services, by registered mail, a certification that the post-closure care period for the hazardous waste disposal unit was performed in accordance with the specifications in the approved post-closure plan. The certification must be signed by the owner or operator and an independent engineer. Documentation supporting the independent registered professional engineer's certification must be furnished to the administrative authority upon request until he releases the owner or operator from the financial assurance requirements for post-closure care under LAC 33:V.3711.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 13:433 (August 1987), LR 14:791 (November 1988), LR 16:399 (May 1990), LR 16:614 (July 1990), LR 18:1256 (November 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:480 (March 1999), repromulgated LR 25:856 (May 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2487 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2466 (October 2005), LR 33:2117 (October 2007).

§3525. Post-Closure Notices

A. No later than 60 days after certification of closure of each hazardous waste disposal unit, the owner or operator must submit to the local zoning authority, or the authority with jurisdiction over local land use, and to the Office of Environmental Services a record of the type, location, and quantity of hazardous wastes disposed of within each cell or other disposal unit of the facility. For hazardous wastes disposed of before January 12, 1981, the owner or operator must identify the type, location, and quantity of the hazardous wastes to the best of his knowledge and in accordance with any records he has kept.

B. – C.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 13:433 (August 1987), LR 18:1256 (November 1992), LR 23:568 (May 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2488 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2467 (October 2005), LR 33:2118 (October 2007).

§3527. Certification of Completion of Post-Closure Care

A. No later than 60 days after completion of the established post-closure care period for each hazardous waste disposal unit, the owner or operator must submit to the Office of Environmental Services, by registered mail, a certification that the post-closure care period for the hazardous waste disposal unit was performed in accordance with the specifications in the approved post-closure plan. The certification must be signed by the owner or operator and an independent registered professional engineer. Documentation supporting the independent registered professional engineer's certification must be furnished to the administrative authority upon request until he releases the owner or operator from the financial assurance requirements for post-closure care under LAC 33:V.3711.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 13:433 (August 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2488 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2467 (October 2005), LR 33:2118 (October 2007).

Chapter 37. Financial Requirements

Subchapter A. Closure Requirements

§3707. Financial Assurance for Closure

An owner or operator of each facility must establish financial assurance for closure of the facility. Under this Part, the owner or operator must choose from the options as specified in Subsections A-F of this Section, which choice

the administrative authority must find acceptable based on the application and the circumstances.

A. Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Part by establishing a closure trust fund that conforms to the requirements of this Subpart, and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services. An owner or operator of a new facility must submit the originally signed duplicate of the trust agreement to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. If the value of the trust fund is greater than the total amount of the current closure cost estimate, the owner or operator may submit a written request to the Office of Environmental Services for release of the amount in excess of the current closure cost estimate.

8. If an owner or operator substitutes other financial assurance as specified in this Part for all or part of the trust fund, he may submit a written request to the Office of Environmental Services for release of the amount in excess of the current closure cost estimate covered by the trust fund.

9. – 11.b. ...

B. Surety Bond Guaranteeing Payment into a Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Part by obtaining a surety bond that conforms to the requirements of this Paragraph and submitting the bond to the Office of Environmental Services. An owner or operator of a new facility must submit the bond to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The bond must be effective before this initial receipt of hazardous waste. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and approved by the administrative authority.

2. – 6. ...

7. Whenever the current closure cost estimate increases to an amount greater than the penal sum, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current closure cost estimate decreases, the penal sum may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

8. – 9. ...

C. Surety Bond Guaranteeing Performance of Closure

1. An owner or operator may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Subsection and submitting the bond to the Office of Environmental Services. An owner or operator of a new facility must submit the bond to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The bond must be effective before this initial receipt of hazardous waste. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and approved by the administrative authority.

2. – 6. ...

7. Whenever the current closure cost estimate increases to an amount greater than the penal sum, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part. Whenever the current closure cost estimate decreases, the penal sum may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

8. – 10. ...

D. Closure Letter of Credit

1. An owner or operator may satisfy the requirements of this Section by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Subsection and submitting the letter to the Office of Environmental Services. An owner or operator of a new facility must submit the letter of credit to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The letter of credit must be effective before the initial receipt of hazardous waste. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter-of-credit operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. Whenever the current closure cost estimate increases to an amount greater than the amount of the credit, the owner or operator, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current closure cost estimate decreases, the amount of the credit may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

8. – 10.b. ...

E. Closure Insurance

1. An owner or operator may satisfy the requirements of this Part by obtaining closure insurance that conforms to the requirements of this Paragraph and submitting a certificate of such insurance to the Office of Environmental Services. An owner or operator of a new facility must submit the certificate of insurance to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The insurance must be effective before this initial receipt of hazardous waste. At a minimum, the insurer must be licensed to transact the business of insurance, or be eligible to provide insurance as an excess or surplus lines insurer, in one or more states, and authorized to transact business in Louisiana.

2. – 8.e ...

9. Whenever the current closure cost estimate increases to an amount greater than the face amount of the policy, the owner or operator, within 60 days after the increase, must either cause the face amount to be increased to an amount at least equal to the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current closure cost estimate decreases, the face amount may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

E.10. – F.2 ...

3. To demonstrate that he meets this test, the owner or operator must submit the following items to the Office of Environmental Services:

a. – c.ii ...

4. An owner or operator of a new facility must submit the items specified in Paragraph F.3 of this Section to the Office of Environmental Services at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal.

5. After the initial submission of items specified in Paragraph F.3 of this Section, the owner or operator must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must consist of all three items specified in Paragraph F.3 of this Section.

6. If the owner or operator no longer meets the requirements of Paragraph F.1 of this Section, he must send notice to the Office of Environmental Services of intent to establish alternate financial assurance as specified in this Part. The notice must be sent by certified mail within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the requirements. The owner or operator must provide the alternate financial assurance within 120 days after the end of such fiscal year.

F.7. – 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 10:496 (July 1984), LR 13:433 (August 1987), LR 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1511 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2488 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2467 (October 2005), LR 33:2118 (October 2007).

Subchapter B. Post-Closure Requirements

§3711. Financial Assurance for Post-Closure Care

The owner or operator of a hazardous waste management unit subject to the requirements of LAC 33:V.3709 must establish financial assurance for post-closure care in accordance with the approved post-closure plan for the facility 60 days prior to the initial receipt of hazardous waste or the effective date of the regulation, whichever is later. Under this Section, the owner or operator must choose from the options as specified in Subsections A-F of this Section, which choice the administrative authority must find acceptable based on the application and the circumstances.

A. Post-Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Part by establishing a post-closure trust fund that conforms to the requirements of this Paragraph and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services. An owner or operator of a new facility must submit the originally signed duplicate of the trust agreement to the administrative authority at least 60 days before the date on which hazardous waste is first received for disposal. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. During the operating life of the facility, if the value of the trust fund is greater than the total amount of the current post-closure cost estimate, the owner or operator may submit a written request to the Office of Environmental Services for release of the amount in excess of the current post-closure cost estimate.

8. If an owner or operator substitutes other financial assurance as specified in this Part for all or part of the trust fund, he may submit a written request to the Office of Environmental Services for release of the amount in excess of the current post-closure cost estimate covered by the trust fund.

9. – 12.b. ...

B. Surety Bond Guaranteeing Payment into a Post-Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Subsection and submitting the bond to the Office of Environmental Services. An owner or operator of a new facility must submit the bond to the administrative authority at least 60 days before the date on which hazardous waste is first received for disposal. The bond must be effective before this initial receipt of hazardous waste. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and approved by the administrative authority.

2. – 6. ...

7. Whenever the current post-closure cost estimate increases to an amount greater than the penal sum, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current post-closure cost estimate decreases, the penal sum may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

8. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the owner or operator, and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts.

9. ...

C. Surety Bond Guaranteeing Performance of Post-Closure Care

1. An owner or operator of a facility that has been issued a standard permit may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Subsection and by submitting the bond to the Office of Environmental Services. An owner or operator of a new facility must submit the bond to the administrative authority at least 60 days before the date on which hazardous waste is first received for disposal. The bond must be effective before this initial receipt of hazardous waste. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and approved by the administrative authority.

2. – 6. ...

7. Whenever the current post-closure cost estimate increases to an amount greater than the penal sum during the operating life of the facility, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part. Whenever the current post-closure cost estimate decreases during the operating life of the facility, the penal sum may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

8. ...

9. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts.

10. – 11. ...

D. Post-Closure Letter of Credit

1. An owner or operator may satisfy the requirements of this Part by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Paragraph and by submitting the letter to the Office of Environmental Services. An owner or operator of a new facility must submit the letter of credit to the administrative authority at least 60 days before the date on which hazardous waste is first received for disposal. The letter of credit must be effective before this initial receipt of hazardous waste. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter-of-credit operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. Whenever the current post-closure cost estimate increases to an amount greater than the amount of the credit during the operating life of the facility, the owner or operator, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current post-closure cost estimate decreases during the operating life of the facility, the amount of the credit may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

8. – 9. ...

10. If the owner or operator does not establish alternate financial assurance as specified in this Part and obtain written approval of such alternate assurance from the administrative authority within 90 days after receipt by both the owner or operator and the Office of Environmental Services of a notice from the issuing institution that it has decided not to extend the letter of credit beyond the current expiration date, the administrative authority will draw on the letter of credit. The administrative authority may delay the drawing if the issuing institution grants an extension of the term of the credit. During the last 30 days of any such extension the administrative authority will draw on the letter of credit if the owner or operator has failed to provide

alternate financial assurance as specified in this Part and obtain written approval of such assurance from the administrative authority.

11. – 11.b. ...

E. Post-Closure Insurance

1. An owner or operator may satisfy the requirements of this Part by obtaining post-closure insurance that conforms to the requirements of this Paragraph and submitting a certificate of such insurance to the Office of Environmental Services. An owner or operator of a new facility must submit the certificate of insurance to the administrative authority at least 60 days before the date on which hazardous waste is first received for disposal. The insurance must be effective before this initial receipt of hazardous waste. At a minimum, the insurer must be licensed to transact the business of insurance, or be eligible to provide insurance as an excess or surplus lines insurer in one or more states, and authorized to transact business in Louisiana.

2. – 7. ...

8. The policy must provide that the insurer may not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy must, at a minimum, provide the insured with the option of renewal at the face amount of the expiring policy. If there is a failure to pay the premium, the insurer may elect to cancel, terminate, or fail to renew the policy by sending notice by certified mail to the owner or operator and the Office of Environmental Services. Cancellation, termination, or failure to renew may not occur, however, during the 120 days beginning with the date of receipt of the notice by both the administrative authority and the owner or operator, as evidenced by the return receipts. Cancellation, termination, or failure to renew may not occur and the policy will remain in full force and effect in the event that on or before the date of expiration:

a. – e. ...

9. Whenever the current post-closure cost estimate increases to an amount greater than the face amount of the policy during the operating life of the facility, the owner or operator, within 60 days after the increase, must either cause the face amount to be increased to an amount at least equal to the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Part to cover the increase. Whenever the current post-closure cost estimate decreases during the operating life of the facility, the face amount may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

E.10. – F.2. ...

3. To demonstrate that he meets this test, the owner or operator must submit the following items to the Office of Environmental Services:

a. – c.ii. ...

4. An owner or operator of a new facility must submit the items specified in Paragraph F.3 of this Section to the Office of Environmental Services at least 60 days before the date on which hazardous waste is first received for disposal.

5. After the initial submission of items specified in Paragraph F.3 of this Section, the owner or operator must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must consist of all three items specified in Paragraph F.3 of this Section.

6. If the owner or operator no longer meets the requirements of Paragraph F.1 of this Section, he must send notice to the Office of Environmental Services of intent to establish alternate financial assurance as specified in this Part. The notice must be sent by certified mail within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the requirements. The owner or operator must provide the alternate financial assurance within 120 days after the end of such fiscal year.

F.7. – 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 10:496 (July 1984), LR 13:433 (August 1987), LR 14:791 (November 1988), LR 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1512 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2490 (November 2000), amended by the Office of Environmental Assessment, LR 31:1572 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2469 (October 2005), LR 33:2120 (October 2007).

Subchapter D. Insurance Requirements

§3715. Liability Requirements

A. – A.1. ...

a. Each insurance policy must be amended by attachment of the Hazardous Waste Facility Liability Endorsement or evidenced by a certificate of liability insurance. The wording of the endorsement must be identical to the wording specified in LAC 33:V.3719.I. The wording of the certificate of insurance must be identical to the wording specified in LAC 33:V.3719.J. The owner or operator must submit a signed duplicate original of the endorsement or the certificate of insurance to the Office of Environmental Services. If requested by the administrative authority, the owner or operator must provide a signed duplicate original of the insurance policy. An owner or operator of a new facility must submit the signed duplicate original of the Hazardous Waste Facility Liability Endorsement or the certificate of liability insurance to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment,

storage, or disposal. The insurance must be effective before this initial receipt of hazardous waste.

1.b. – 6. ...

7. An owner or operator shall notify the Office of Environmental Services in writing within 30 days whenever:

A.7.a. – B.1. ...

a. Each insurance policy must be amended by attachment of the Hazardous Waste Facility Liability Endorsement or evidenced by a certificate of liability insurance. The wording of the endorsement must be identical to the wording specified in LAC 33:V.3719.I. The wording of the certificate of insurance must be identical to the wording specified in LAC 33:V.3719.J. The owner or operator must submit a signed duplicate original of the endorsement or the certificate of insurance to the Office of Environmental Services. If requested by the administrative authority, the owner or operator must provide a signed duplicate original of the insurance policy. An owner or operator of a new facility must submit the signed duplicate original of the Hazardous Waste Facility Liability Endorsement or the certificate of liability insurance to the administrative authority at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal. The insurance must be effective before this initial receipt of hazardous waste.

1.b. – 6. ...

7. An owner or operator shall notify the Office of Environmental Services in writing within 30 days whenever:

B.7.a. – C. ...

D. Adjustments by the Administrative Authority. If the administrative authority determines that the levels of financial responsibility required by Subsection A or B of this Section are not consistent with the degree and duration of risk associated with treatment, storage, or disposal at the facility or group of facilities, the administrative authority may adjust the level of financial responsibility required by Subsections A and B of this Section as may be necessary to protect human health and the environment. This adjusted level will be based on the administrative authority's assessment of the degree and duration of risk associated with the ownership or operation of the facility or group of facilities. In addition, if the administrative authority determines that there is a significant risk to human health and the environment from non-sudden accidental occurrences resulting from the operations of a facility that is not a surface impoundment, landfill, or land treatment facility, he may require that an owner or operator of the facility comply with Subsection B of this Section. An owner or operator must furnish to the Office of Environmental Services, within a reasonable time, any information that the administrative authority requests to determine whether cause exists for such adjustments of level or type of coverage. Any adjustment of the level or type of coverage for a facility that has a permit will be treated as a permit modification under LAC 33:V.321.

E. – F.2. ...

3. To demonstrate that he meets this test, the owner or operator must submit the following three items to the Office of Environmental Services:

a. – c.ii. ...

4. An owner or operator of a new facility must submit the items specified in Paragraph F.3 of this Section to the Office of Environmental Services at least 60 days before the date on which hazardous waste is first received for treatment, storage, or disposal.

5. ...

6. If the owner or operator no longer meets the requirements of Paragraph F.1 of this Section, he must obtain insurance, a letter of credit, a surety bond, a trust fund, or a guarantee for the entire amount of required liability coverage as specified in this Section. Evidence of liability coverage must be submitted to the Office of Environmental Services within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the test requirements.

F.7. – G.3. ...

H. Letter of Credit for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Subsection and submitting a copy of the letter of credit to the Office of Environmental Services.

2. – 5. ...

I. Surety Bond for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Subsection and submitting a copy of the bond to the Office of Environmental Services.

2. – 4. ...

J. Trust Fund for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by establishing a trust fund that conforms to the requirements of this Paragraph and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services.

J.2. – K. ...

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 11:686 (July 1985), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 16:399 (May 1990), LR 18:723 (July 1992), repromulgated LR 19:486 (April 1993), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1513 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2492 (November 2000), amended by the Office of the Secretary,

Legal Affairs Division, LR 31:2471 (October 2005), LR 33:2122 (October 2007).

Subchapter E. Incapacity Regulations

§3717. Incapacity of Owners or Operators, Guarantors, or Financial Institutions

A. An owner or operator must notify the Office of Environmental Services by certified mail of the commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the owner or operator as debtor, within 10 days after commencement of the proceeding. A guarantor of a corporate guarantee as specified in LAC 33:V.3707.F and 3711.F must make such a notification if he is named as debtor, as required under the terms of the corporate guarantee (see LAC 33:V.3719.H).

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 by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2493 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2472 (October 2005), LR 33:2123 (October 2007).

Subchapter F. Financial and Insurance Instruments

§3719. Wording of the Instruments

A. – C. ...

PERFORMANCE BOND

* * *

[See Prior Text in Performance Bond]

D. Letter of Credit. A letter of credit, as specified in LAC 33:V.3707.D or 3711.D or 4403.C or 4407.C must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

IRREVOCABLE STANDBY LETTER OF CREDIT

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Waste Permits Division
Dear [Sir or Madam]:

* * *

[See Prior Text in Letter]

E. ...

CERTIFICATE OF INSURANCE FOR CLOSURE OR POST-CLOSURE CARE

* * *

[See Prior Text in Certificate]

F. Closure Guarantee. A letter from the chief financial officer, as specified in LAC 33:V:3707.F.3 or 3711.F.3 or 4403.E.3 or 4407.E.3, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

LETTER FROM CHIEF FINANCIAL OFFICER

(Closure and/or Post-Closure Care)

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Waste Permits Division
Dear [Sir or Madam]:

* * *

[See Prior Text in Letter]

G. Liability Coverage Guarantee. A letter from the chief financial officer, as specified in LAC 33:V.3715.F or 4411, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

LETTER FROM CHIEF FINANCIAL OFFICER

(Liability Coverage)

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Waste Permits Division
Dear [Sir or Madam]:

* * *

[See Prior Text in Letter]

H. – J. ...

HAZARDOUS WASTE FACILITY CERTIFICATE OF LIABILITY INSURANCE

* * *

[See Prior Text in Certificate]

K. Letter of Credit. A letter of credit, as specified in LAC 33:V.3715 or 4411, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted.

IRREVOCABLE STANDBY LETTER OF CREDIT

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Waste Permits Division
Dear [Sir or Madam]:

* * *

[See Prior Text in Letter]

L. – N.2.Certification. ...

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

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 11:686 (July 1985), LR 13:433 (August 1987), LR 13:651 (November 1987), LR 16:47 (January 1990), LR 18:723 (July 1992), LR 21:266 (March 1995), LR 22:835 (September 1996), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1514 (November 1997), repromulgated LR 23:1684 (December 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2493 (November 2000), amended by the Office of Environmental Assessment, LR 30:2023 (September 2004), amended by the Office of Environmental Assessment, LR 31:1573 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2472 (October 2005), LR 33:1626 (August 2007), LR 33:2123 (October 2007).

Chapter 38. Universal Wastes

Subchapter B. Standards for Small Quantity Handlers of Universal Waste

§3831. Off-Site Shipments

A. – F.2. ...

G. If a small quantity handler of universal waste receives a shipment containing hazardous waste that is not a universal waste, the handler must immediately notify the Office of Environmental Compliance of the illegal shipment, and provide the name, address, and phone number of the originating shipper. The administrative authority will provide instructions for managing the hazardous waste.

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 23:573 (May 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2495 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2124 (October 2007).

Subchapter C. Standards for Large Quantity Handlers of Universal Waste

§3841. Notification

A. Except as provided in Paragraphs A.1 and 2 of this Section, a large quantity handler of universal waste must have sent written notification of universal waste management to the Office of Environmental Services and received an EPA Identification Number, before meeting or exceeding the 5,000 kilogram storage limit.

A.1. – B.5. ...

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 23:574 (May 1997), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1761 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2496 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2473 (October 2005), LR 31:3120 (December 2005), LR 33:2124 (October 2007).

§3853. Off-Site Shipments

A. – F.2. ...

G. If a large quantity handler of universal waste receives a shipment containing hazardous waste that is not a universal waste, the handler must immediately notify the Office of Environmental Compliance of the illegal shipment, and provide the name, address, and phone number of the originating shipper. The administrative authority will provide instructions for managing the hazardous waste.

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 23:576 (May 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2496 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2124 (October 2007).

Subchapter E. Standards for Destination Facilities

§3875. Off-Site Shipments

A. – B.2. ...

C. If the owner or operator of a destination facility receives a shipment containing hazardous waste that was shipped as a universal waste, the owner or operator of the destination facility must immediately notify the Office of Environmental Compliance of the illegal shipment, and provide the name, address, and phone number of the shipper. The administrative authority will provide instructions for managing the hazardous waste.

D. ...

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 23:578 (May 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2496 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2124 (October 2007).

Chapter 40. Used Oil

Subchapter D. Standards for Used Oil Transporter and Transfer Facilities

§4029. Notification

A. ...

B. Mechanics of Notification. A used oil transporter who has not received an EPA identification number may obtain one by notifying the Office of Environmental Services of their used oil activity by submitting a completed Louisiana Notification of Hazardous Waste Activity Form (HW-1).

C. Upon promulgation of this Chapter, used oil transporters and transfer facilities who have previously notified must renotify the Office of Environmental Services of used oil activity.

D. Used oil transporters and transfer facilities must notify the Office of Environmental Services within seven business days if any of the information submitted in the application for the identification number changes.

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 21:266, 267 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2497 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2473 (October 2005), LR 33:2124 (October 2007).

Subchapter E. Standards for Used Oil Processors and Re-Refiners

§4043. Notification

A. ...

B. Mechanics of Notification. A used oil processor or re-refiner who has not received an EPA identification number may obtain one by notifying the Office of Environmental Services of their used oil activity by submitting a completed Louisiana Notification of Hazardous Waste Activity Form (HW-1).

C. Upon promulgation of this Chapter, used oil processors and re-refiners who have previously notified must renotify the Office of Environmental Services of used oil activity.

D. Used oil processors and re-refiners must notify the Office of Environmental Services within seven business days if any of the information submitted in the application for the identification number changes.

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 21:266, 267 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2497 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2473 (October 2005), LR 33:2124 (October 2007).

§4045. General Facility Standards

A. – B.6.h.ii. ...

iii. the owner or operator must notify SPOC and the appropriate local authorities that the facility is in compliance with Subparagraphs B.h.i and ii of this Section before operations are resumed in the affected area(s) of the facility.

i. The owner or operator must note in the operating record the time, date, and details of any incident that requires implementing the contingency plan. Within 15 days after the incident, he must submit a written report about the incident to SPOC. The report must include:

i. – vii. ...

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2497 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2473 (October 2005), LR 33:2125 (October 2007).

Subchapter F. Standards for Used Oil Burners Which Burn Off-Specification Used Oil for Energy Recovery

§4065. Notification

A. ...

B. Mechanics of Notification. A used oil burner who has not received an EPA identification number may obtain one by notifying the Office of Environmental Services of their used oil activity by submitting a completed Louisiana Notification of Hazardous Waste Activity Form (HW-1).

C. Upon promulgation of this Chapter, used oil burners that burn off-specification used oil for energy recovery and have previously notified must renotify the Office of Environmental Services of this used oil activity.

D. A used oil burner must notify the Office of Environmental Services within seven business days if any of the information submitted in the application for the identification number changes.

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 21:266, 267 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2497 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2474 (October 2005), LR 33:2125 (October 2007).

Subchapter G. Standards for Used Oil Fuel Marketers

§4083. Notification

A. ...

B. A marketer who has not received an EPA identification number may obtain one by notifying the Office of Environmental Services of their used oil activity by submitting a completed Louisiana Notification of Hazardous Waste Activity Form (HW-1) EPA Form 8700-12.

C. Upon promulgation of this Chapter, used oil fuel marketers who have previously notified must renotify the Office of Environmental Services of used oil activity.

D. A generator must notify the Office of Environmental Services within seven days if any of the information submitted in the application for the identification number changes.

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2497 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2474 (October 2005), LR 33:2125 (October 2007).

Chapter 42. Conditional Exemption for Low-Level Mixed Waste Storage and Disposal

§4201. What definitions apply to this Chapter?

A. This Chapter uses the following special definitions.

* * *

We or Us—administrative authority, as defined in LAC 33:V.109. Within this Chapter, the administrative authority is the Office of Environmental Services, unless otherwise indicated.

* * *

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:1004 (May 2002), amended LR 28:2181 (October 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2474 (October 2005), LR 33:2125 (October 2007).

§4241. How could you lose the transportation and disposal conditional exemption for your waste and what actions must you take?

A. ...

1. When you fail to meet any of the conditions specified in LAC 33:V.4225 for any of your wastes, you must report to the Office of Environmental Compliance, in writing by certified delivery, within 30 days of learning of the failure. Your report must be signed by your authorized representative certifying that the information provided is true, accurate, and complete. This report must include:

A.1.a. – B. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:1008 (May 2002), amended LR 28:2181 (October 2002), LR 30:1675 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2125 (October 2007).

Chapter 43. Interim Status

§4301. Purpose and Applicability

A. The purpose of interim status is to allow existing facilities to operate in an appropriate and responsible manner during the period of time required to process and review permit application or until certification of final closure or, if the facility is subject to post-closure requirements, until post-closure responsibilities are fulfilled. Interim status facilities must, when required by the administrative authority, submit to the Office of Environmental Services a permit application in compliance with the requirements of these regulations. Failure to submit an application is a violation of interim status and will result in revocation of a facility's interim status designation. Once revoked the facility will be treated as an unpermitted facility and appropriate legal action will be taken.

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 10:496 (July 1984), LR 13:84 (February 1987), LR 16:220 (March 1990), LR 17:362 (April 1991), LR 18:1256 (November 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1743 (September 1998), LR 25:482 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1466 (August 1999), LR 26:2498 (November 2000), LR 27:713 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2474 (October 2005), LR 31:3121 (December 2005), LR 32:612 (April 2006), LR 33:2126 (October 2007).

Subchapter A. General Facility Standards

§4320. Construction Quality Assurance Program

A. – C.2. ...

D. Certification. The owner or operator of units subject to this Section must submit to the Office of Environmental Services, by certified mail or hand delivery, at least 30 days prior to receiving waste, a certification signed by the CQA officer that the CQA plan has been successfully carried out and that the unit meets the requirements of LAC 33:V.4462.A, 4476, or 4512.A. The owner or operator may receive waste in the unit after 30 days from the administrative authority's receipt of the CQA certification unless the administrative authority determines in writing that the construction is not acceptable, or extends the review period for a maximum of 30 more days, or seeks additional information from the owner or operator during this period. Documentation supporting the CQA officer's certification must be furnished to the administrative authority upon request.

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2499 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2475 (October 2005), LR 33:2126 (October 2007).

Subchapter E. Groundwater Monitoring

§4367. Applicability

Facilities that have interim status must comply with this Subchapter in lieu of LAC 33:V.Chapter 33.

A. – C. ...

1. submit to the Office of Environmental Services a specific plan, certified by a qualified geologist or geotechnical engineer, which satisfies the requirements of LAC 33:V.4373.G, for an alternate groundwater monitoring system;

C.2. – E.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 by the Office of Waste Services, Hazardous Waste Division, LR 25:484 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2499 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2126 (October 2007).

§4373. Preparation, Evaluation, and Response

A. – E. ...

F. Within 15 days after the notification under LAC 33:V.4373.E, the owner or operator must develop and submit to the Office of Environmental Services a specific plan, based on the outline required under LAC 33:V.4373.A and certified by a qualified geologist or geotechnical engineer, for a groundwater quality assessment program at the facility.

G. – H.2. ...

I. The owner or operator must make his first determination under LAC 33:V.4373.H as soon as technically feasible and, within 15 days after that determination, submit to the Office of Environmental Services a written report containing an assessment of the groundwater quality.

J. If the owner or operator determines, based on the results of the first determination under LAC 33:V.4373.H, that no hazardous waste or hazardous waste constituents from the facility have entered the groundwater, then he may reinstate the indicator evaluation program described in LAC 33:V.4371 and 4373.B. If the owner or operator reinstates the indicator evaluation program, he must notify the Office of Environmental Services, in the report submitted under LAC 33:V.4373.I.

K. – K.1. ...

2. within 30 days or other schedule required by the administrative authority, after the establishment of the groundwater protection standard, the owner or operator shall submit to the Office of Environmental Services a corrective action and monitoring plan;

K.3. – M. ...

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 14:791 (November 1988), LR 18:723 (July 1992), amended by the Office of the Secretary, LR 24:2248 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2499 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2126 (October 2007).

§4375. Recordkeeping and Reporting

A. – A.1. ...

2. report the following groundwater monitoring information to the Office of Environmental Services:

A.2.a. – B.1. ...

2. annually, until final closure of the facility, submit to the Office of Environmental Services a report containing the results of his or her groundwater quality assessment program, which includes, but is not limited to, the calculated (or measured) rate of migration of hazardous waste or hazardous waste constituents in the groundwater during the reporting period. This information must be submitted no later than March 1 following each calendar year.

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 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1520 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2499 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2126 (October 2007).

Subchapter F. Closure and Post-Closure

§4381. Closure Plan; Amendment of Plan

A. – B.8. ...

C. Amendment of Plan. The owner or operator may amend the closure plan at any time prior to the notification of partial or final closure of the facility. An owner or operator with an approved closure plan must submit a written request to the Office of Environmental Services to authorize a change to the approved closure plan. The written request must include a copy of the amended closure plan for approval by the administrative authority.

1. – 2. ...

3. An owner or operator with an approved closure plan must submit the modified plan to the Office of Environmental Services at least 60 days prior to the proposed change in facility design or operation, or no more than 60 days after an unexpected event has occurred that has affected the closure plan. If an unexpected event has occurred during the partial or final closure period, the owner or operator must submit the modified plan no more than 30 days after the unexpected event. These provisions also apply to owners or operators of surface impoundments and waste piles who intended to remove all hazardous wastes at closure but are required to close as landfills in accordance with LAC 33:V.4501. If the amendment to the plan is a Class 2 or 3 modification according to the criteria in LAC 33:V.321.C and 322, the modification to the plan will be approved according to the procedures in Paragraph D.4 of this Section.

4. The administrative authority may request modifications to the plan under the conditions described in Paragraph C.1 of this Section. An owner or operator with an approved closure plan must submit the modified plan within 60 days of the request from the Office of Environmental Services, or within 30 days if the unexpected event occurs during partial or final closure. If the amendment is considered a Class 2 or 3 modification according to the criteria in LAC 33:V.321.C and 322, the modification to the plan will be approved in accordance with the procedures in Paragraph D.4 of this Section.

D. Notification of Partial Closure and Final Closure

1. The owner or operator must submit the closure plan to the Office of Environmental Services at least 180 days prior to the date on which he expects to begin closure of the first surface impoundment, waste pile, land treatment, or landfill unit, or final closure if it involves such a unit, whichever is earlier. The owner or operator must submit the closure plan to the administrative authority at least 45 days prior to the date on which he expects to begin partial or final closure of a boiler or industrial furnace. The owner or operator must submit the closure plan to the administrative authority at least 45 days prior to the date on which he expects to begin final closure of a facility with only tanks, container storage, or incinerator units. Owners or operators with approved closure plans must notify the administrative authority in writing at least 60 days prior to the date on which they expect to begin closure of a surface impoundment, waste pile, landfill, or land treatment unit, or final closure of a facility involving such a unit. Owners or operators with approved closure plans must notify the administrative authority in writing at least 45 days prior to the date on which they expect to begin partial or final closure of a boiler or industrial furnace. Owners or operators with approved closure plans must notify the administrative authority in writing at least 45 days prior to the date on which they expect to begin final closure of a facility with only tanks, container storage, or incinerator units.

2. – 2.b. ...

3. The owner or operator must submit his closure plan to the Office of Environmental Services no later than 15 days after:

D.3.a. – 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 LR 10:496 (July 1984), LR 13:433 (August 1987), LR 16:614 (July 1990), LR 17:362 (April 1991), LR 17:478 (May 1991), LR 18:723 (July 1992), LR 18:1375 (December 1992), LR 21:266 (March 1995), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:485 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2500 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2475 (October 2005), LR 33:2127 (October 2007).

§4383. Closure; Time Allowed for Closure

A. – E.4.c. ...

5. During the period of corrective action, the owner or operator shall provide semiannual reports to the Office of Environmental Services that describe the progress of the corrective action program, compile all groundwater monitoring data, and evaluate the effect of the continued receipt of non-hazardous wastes on the effectiveness of the corrective action.

6. – 7.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 LR 10:496 (July 1984), LR 13:433 (August 1987), LR 14:791 (November 1988), LR 17:478 (May 1991), LR 18:1375 (December 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2500 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2127 (October 2007).

§4387. Certification of Closure

A. Within 60 days of completion of closure of each hazardous waste surface impoundment, waste pile, land treatment, and landfill unit, and within 60 days of completion of final closure, the owner or operator must submit to the Office of Environmental Services, by registered mail, a certification that the hazardous waste management unit or facility, as applicable, has been closed in accordance with the specifications in the approved closure plan. The certification must be signed by the owner or operator and by an independent registered professional engineer. Documentation supporting the independent registered professional engineer's certification must be furnished to the administrative authority upon request until he releases the owner or operator from the financial assurance requirements for closure under LAC 33:V.4403.H.

B. Survey Plat. No later than the submission of the certification of closure of each hazardous waste disposal

unit, an owner or operator must submit to the local zoning authority, or the authority with jurisdiction over local land use, and to the Office of Environmental Services a survey plat indicating the location and dimensions of landfill cells or other hazardous waste disposal units with respect to permanently surveyed benchmarks. This plat must be prepared and certified by a professional land surveyor. The plat filed with the local zoning authority, or the authority with jurisdiction over local land use must contain a note, prominently displayed, that states the owner's or operator's obligation to restrict disturbance of the hazardous waste disposal unit in accordance with the applicable LAC 33:V.Chapter 35 or 43 regulations.

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 13:433 (August 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2501 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2475 (October 2005), LR 33:2128 (October 2007).

§4391. Post-Closure Plan; Amendment of Plan

A. Written Plan. By May 19, 1988, the owner or operator of a hazardous waste disposal unit must have a written post-closure plan. An owner or operator of a surface impoundment or waste pile that intends to remove all hazardous wastes at closure must prepare a post-closure plan and submit it to the Office of Environmental Services within 90 days of the date that the owner or operator or administrative authority determines that the hazardous waste management unit or facility must be closed as a landfill, subject to the requirements of LAC 33:V.4389-4395.

B. – C.5. ...

D. Amendment of Plan. The owner or operator may amend the post-closure plan any time during the active life of the facility or during the post-closure care period. An owner or operator with an approved post-closure plan must submit a written request to the Office of Environmental Services to authorize a change to the approved plan. The written request must include a copy of the amended post-closure plan for approval by the administrative authority.

1. – 2. ...

3. An owner or operator with an approved post-closure plan must submit the modified plan to the Office of Environmental Services at least 60 days prior to the proposed change in facility design or operation, or no more than 60 days after an unexpected event has occurred that has affected the post-closure plan. If an owner or operator of a surface impoundment or a waste pile who intended to remove all hazardous wastes at closure in accordance with LAC 33:V.4457.B or 4475.A, is required to close as a landfill in accordance with LAC 33:V.4501, the owner or operator must submit a post-closure plan within 90 days of the determination by the owner or operator or administrative authority that the unit must be closed as a landfill. If the amendment to the post-closure plan is a Class 2 or 3 modification according to the criteria in LAC 33:V.321.C and 322, the modification to the plan will be approved according to the procedures in Subsection F of this Section.

4. The administrative authority may request modifications to the plan under the conditions described in Paragraph D.1 of this Section. An owner or operator with an approved post-closure plan must submit the modified plan no later than 60 days after the request from the administrative authority. If the amendment to the plan is considered a Class 2 or 3 modification according to the criteria in LAC 33:V.321.C and 322, the modifications to the post-closure plan will be approved in accordance with the procedures in Subsection F of this Section. If the administrative authority determines that an owner or operator of a surface impoundment or waste pile who intended to remove all hazardous wastes at closure must close the facility as a landfill, the owner or operator must submit a post-closure plan for approval to the Office of Environmental Services within 90 days of the determination.

E. The owner or operator of a facility with hazardous waste management units subject to these requirements must submit his post-closure plan to the administrative authority at least 180 days before the date he expects to begin partial or final closure of the first hazardous waste disposal unit. The date he "expects to begin closure" of the first hazardous waste disposal unit must be either within 30 days after the date on which the hazardous waste management unit receives the known final volume of hazardous waste, or if there is a reasonable possibility that the hazardous waste management unit will receive additional hazardous wastes, no later than one year after the date on which the unit received the most recent volume of hazardous wastes. The owner or operator must submit the post-closure plan to the Office of Environmental Services no later than 15 days after:

E.1. – G.2.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 13:433 (August 1987), LR 14:791 (November 1988), LR 16:614 (July 1990), LR 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 25:485 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2501 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2476 (October 2005), LR 33:2128 (October 2007).

§4393. Post-Closure Notices

A. No later than 60 days after certification of closure of each hazardous waste disposal unit, the owner or operator must submit to the local zoning authority, or the authority with jurisdiction over local land use, and to the Office of Environmental Services a record of the type, location, and quantity of hazardous wastes disposed of within each cell or other disposal unit of the facility. For hazardous wastes disposed of before January 12, 1981, the owner or operator must identify the type, location and quantity of the

hazardous wastes to the best of his knowledge and in accordance with any records he has kept.

B. – B.1.b. ...

c. the survey plat and record of the type, location, and quantity of hazardous wastes disposed of within each cell or other hazardous waste disposal unit of the facility required by LAC 33:V.4387 and 4393.A have been filed with the local zoning authority or the authority with jurisdiction over local land use and with the Office of Environmental Services; and

2. ...

C. If the owner or operator or any subsequent owner or operator or any subsequent owner of the land upon which a hazardous waste disposal unit was located wishes to remove hazardous wastes and hazardous waste residues, the liner, if any, and all contaminated structures, equipment, and soils, he must request a modification to the approved post-closure plan in accordance with the requirements of LAC 33:V.4391.G. The owner or operator must demonstrate that the removal of hazardous wastes will satisfy the criteria of LAC 33:V.4389.C. By removing hazardous waste, the owner or operator may become a generator of hazardous waste and must manage it in accordance with all applicable requirements of this Chapter. If the owner or operator is granted approval to conduct the removal activities, the owner or operator may request that the administrative authority approve either:

1. the removal of the notation on the deed to the facility property or other instrument normally examined during title search; or

2. the addition of a notation to the deed or instrument indicating the removal of the hazardous waste.

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 18:723 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2502 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2476 (October 2005), LR 33:2129 (October 2007).

§4395. Certification of Completion of Post-Closure Care

A. No later than 60 days after completion of the established post-closure care period for each hazardous waste disposal unit, the owner or operator must submit to the Office of Environmental Services, by registered mail, a certification that the post-closure care period for the hazardous waste disposal unit was performed in accordance with the specifications in the approved post-closure plan. The certification must be signed by the owner or operator and an independent registered professional engineer. Documentation supporting the independent registered professional engineer's certification must be furnished to the administrative authority upon request until he releases the owner or operator from the financial assurance requirements for post-closure care under LAC 33:V.4407.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 LR 13:433 (August 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2502 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2477 (October 2005), LR 33:2129 (October 2007).

Subchapter G. Financial Requirements

§4403. Financial Assurance for Closure

By the effective date of these regulations an owner or operator of each facility must establish financial assurance for closure of the facility. He must choose from the options as specified in Subsections A-E of this Section.

A. Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Section by establishing a closure trust fund that conforms to the requirements of this Paragraph, and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. If the value of the trust fund is greater than the total amount of the current closure cost estimate, the owner or operator may submit a written request to the Office of Environmental Services for release of the amount in excess of the current closure cost estimate.

8. If an owner or operator substitutes other financial assurance as specified in this Section for all or part of the trust fund, he may submit a written request to the Office of Environmental Services for release of the amount in excess of the current closure cost estimate covered by the trust fund.

9. ...

10. After beginning partial or final closure, an owner or operator or another person authorized to conduct partial or final closure may request reimbursements for partial or final closure expenditures by submitting itemized bills to the Office of Environmental Services. The owner or operator may request reimbursement for partial closure only if sufficient funds are remaining in the trust fund to cover the maximum costs of closing the facility over its remaining operating life. No later than 60 days after receiving bills for partial or final closure activities, the administrative authority will instruct the trustees to make reimbursements in those amounts as the administrative authority specifies in writing, if the administrative authority determines that the partial or final closure expenditures are in accordance with the approved closure plan, or otherwise justified. If the

administrative authority has reason to believe that the maximum cost of closure over the remaining life of the facility will be significantly greater than the value of the trust fund, he may withhold reimbursements of such amounts as he deems prudent until he determines, in accordance with LAC 33:V.4407.H that the owner or operator is no longer required to maintain financial assurance for final closure of the facility. If the administrative authority does not instruct the trustee to make such reimbursements, he will provide to the owner or operator a detailed written statement of reasons.

11. – 11.b. ...

B. Surety Bond Guaranteeing Payment into a Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Paragraph and submitting the bond to the Office of Environmental Services. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on Federal bonds in Circular 570 of the U.S. Department of the Treasury.

2. – 6. ...

7. Whenever the current closure cost estimate increases to an amount greater than the penal sum, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current closure cost estimate decreases, the penal sum may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

8. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts.

9. ...

C. Closure Letter of Credit

1. An owner or operator may satisfy the requirements of this Section by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Paragraph and submitting the letter to the Office of Environmental Services. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter of credit operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. Whenever the current closure cost estimate increases to an amount greater than the amount of the credit, the owner or operator, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current closure cost estimate decreases, the amount of the credit may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

8. ...

9. If the owner or operator does not establish alternate financial assurance as specified in this Section and obtain written approval of such alternate assurance from the administrative authority within 90 days after receipt by both the owner or operator and the Office of Environmental Services of a notice from the issuing institution that it has decided not to extend the letter of credit beyond the current expiration date, the administrative authority may delay the drawing if the issuing institution grants an extension of the term of the credit. During the last 30 days of any such extension the administrative authority will draw on the letter of credit if the owner or operator has failed to provide alternate financial assurance as specified in this Section and obtain written approval of such assurance from the administrative authority.

10. – 10.b. ...

D. Closure Insurance

1. An owner or operator may satisfy the requirements of this Section by obtaining closure insurance that conforms to the requirements of this Paragraph and submitting a certificate of such insurance to the administrative authority. By the effective date of these regulations the owner or operator must submit to the Office of Environmental Services a letter from an insurer stating that the insurer is considering issuance of closure insurance conforming to the requirements of this Paragraph to the owner or operator. Within 90 days after the effective date of these regulations, the owner or operator must submit the certificate of insurance to the Office of Environmental Services or establish other financial assurance as specified in this Section. At a minimum, the insurer must be licensed to transact the business of insurance, or be eligible to provide insurance as an excess or surplus lines insurer, in one or more states, and authorized to transact business in Louisiana.

2. – 5. ...

6. The owner or operator must maintain the policy in full force and effect until the administrative authority consents to termination of the policy by the owner or operator as specified in Paragraph D.10 of this Section. Failure to pay the premium, without substitution of alternate financial assurance as specified in this Section, will constitute a significant violation of these regulations, warranting such remedy as the administrative authority deems necessary. Such violation will be deemed to begin upon receipt by the Office of Environmental Services of a notice of future cancellation, termination, or failure to renew,

due to nonpayment of the premium, rather than upon the date of expiration.

7. ...

8. The policy must provide that the insurer may not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy must, at a minimum, provide the insured with the option of renewal at the face amount of the expiring policy. If there is a failure to pay the premium, the insurer may elect to cancel, terminate, or fail to renew the policy by sending notice by certified mail to the owner or operator and the Office of Environmental Services. Cancellation, termination, or failure to renew may not occur, however, during the 120 days beginning with the date of receipt of the notice by both the administrative authority and the owner or operator, as evidenced by the return receipts. Cancellation, termination, or failure to renew may not occur and the policy will remain in full force and effect in the event that on or before the date of expiration:

a. – e. ...

9. Whenever the current closure cost estimate increases to an amount greater than the face amount of the policy, the owner or operator, within 60 days after the increase, must either cause the face amount to be increased to an amount at least equal to the current closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current closure cost estimate decreases, the face amount may be reduced to the amount of the current closure cost estimate following written approval by the administrative authority.

D.10. – E.2. ...

3. To demonstrate that he meets this test, the owner or operator must submit the following items to the Office of Environmental Services:

3.a. – 4.f. ...

5. After the initial submission of items specified in Paragraph E.3 of this Section, the owner or operator must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must consist of all three items specified in Paragraph E.3 of this Section.

6. If the owner or operator no longer meets the requirements of Paragraph E.1 of this Section, he must send notice to the Office of Environmental Services of intent to establish alternate financial assurance as specified in this Section. The notice must be sent by certified mail within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the requirements. The owner or operator must provide the alternate financial assurance within 120 days after the end of such fiscal year.

E.7. – F. ...

G. Use of a Financial Mechanism for Multiple Facilities. An owner or operator may use a financial assurance mechanism specified in this Section to meet the requirements of this Section for more than one facility. Evidence of financial assurance submitted to the Office of Environmental Services must include a list showing, for each facility, the EPA identification number, name, address, and the amount of funds for closure assured by the mechanism. The amount of funds available through the mechanism must be no less than the sum of funds that would be available if a separate mechanism had been established and maintained for each facility. In directing the funds available through the mechanism for closure of any of the facilities covered by the mechanism, the administrative authority may direct only the amount of funds designated for that particular facility, unless the owner or operator agrees to the use of additional funds available under the mechanism.

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 LR 13:433 (August 1987), LR 14:791 (November 1988), LR 16:219 (March 1990), LR 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1520 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2502 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2477 (October 2005), LR 33:2129 (October 2007).

§4407. Financial Assurance for Post-Closure Care

An owner or operator of each hazardous waste disposal unit must establish financial assurance for post-closure care of the facility. He must choose from the options as specified in Subsections A-E of this Section.

A. Post-Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Subsection by establishing a post-closure trust fund that conforms to the requirements of this Paragraph and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal or state agency.

2. – 6. ...

7. During the operating life of the facility, if the value of the trust fund is greater than the total amount of the current post-closure cost estimate, the owner or operator may submit a written request to the Office of Environmental Services for release of the amount in excess of the current post-closure cost estimate.

8. If an owner or operator substitutes other financial assurance as specified in this Section for all or part of the trust fund, he may submit a written request to the Office of Environmental Services for release of the amount in excess

of the current post-closure cost estimate covered by the trust fund.

9. – 10. ...

11. An owner or operator, or any other person authorized to perform post-closure care, may request reimbursement for the post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving bills for post-closure activities, the administrative authority will instruct the trustee to make reimbursements in those amounts as the administrative authority specifies in writing, if the administrative authority determines that the post-closure expenditures are in accordance with the approved post-closure plan or otherwise justified. If the administrative authority does not instruct the trustee to make such reimbursements, he will provide the owner or operator with a detailed statement of reasons.

12. ...

B. Surety Bond Guaranteeing Payment into a Post-Closure Trust Fund

1. An owner or operator may satisfy the requirements of this Subsection by obtaining a surety bond that conforms to the requirements of this Paragraph and submitting the bond to the Office of Environmental Services. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury.

2. – 6. ...

7. Whenever the current post-closure cost estimate increases to an amount greater than the penal sum, the owner or operator, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Subsection to cover the increase. Whenever the current post-closure cost estimate decreases, the penal sum may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

8. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts.

9. ...

C. Post-Closure Letter of Credit

1. An owner or operator may satisfy the requirements of this Subsection by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Paragraph and by submitting the letter to the Office of Environmental Services. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter-of-credit operations are regulated and examined by a federal or state agency.

2. – 4. ...

5. The letter of credit must be irrevocable and issued for a period of at least one year. The letter of credit must provide that the expiration date will be automatically extended for a period of at least one year unless, at least 120 days before the current expiration date, the issuing institution notifies both the owner or operator and the Office of Environmental Services, by certified mail, of a decision not to extend the expiration date. Under the terms of the letter of credit, the 120 days will begin on the date when both the owner or operator, and the administrative authority have received the notice, as evidenced by the return receipts.

6. ...

7. Whenever the current post-closure cost estimate increases to an amount greater than the amount of the credit during the operating life of the facility, the owner or operator, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current post-closure cost estimate decreases during the operating life of the facility, the amount of the credit may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

8. – 9. ...

10. If the owner or operator does not establish alternate financial assurance as specified in this Section and obtain written approval of such alternate assurance from the administrative authority within 90 days after receipt by both the owner or operator and the Office of Environmental Services of a notice from the issuing institution that it has decided not to extend the letter of credit beyond the current expiration date, the administrative authority will draw on the letter of credit. The administrative authority may delay the drawing if the issuing institution grants an extension of the term of the credit. During the last 30 days of any such extension the administrative authority will draw on the letter of credit if the owner or operator has failed to provide alternate financial assurance as specified in this Section and obtain written approval of such assurance from the administrative authority.

11. – 11.b. ...

D. Post-Closure Insurance

1. An owner or operator may satisfy the requirements of this Subsection by obtaining post-closure insurance that conforms to the requirements of this Paragraph and submitting a certificate of such insurance to the Office of Environmental Services. The owner or operator must submit to the administrative authority a letter from an insurer stating that the insurer is considering issuance of post-closure

insurance conforming to the requirements of this Paragraph to the owner or operator. Within 90 days after the effective date of these regulations, the owner or operator must submit the certificate of insurance to the administrative authority or establish other financial assurance as specified in this Section. At a minimum, the insurer must be licensed to transact the business of insurance, or be eligible to provide insurance as an excess or surplus lines insurer in one or more states, and authorized to transact insurance business in Louisiana.

2. – 4. ...

5. An owner or operator or any other person authorized to perform post-closure care may request reimbursement for post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving bills for post-closure activities, the administrative authority will instruct the insurer to make reimbursements in those amounts as the administrative authority specifies in writing, if the administrative authority determines that the post-closure expenditures are in accordance with the approved post-closure plan or otherwise justified. If the administrative authority does not instruct the insurer to make such reimbursements, he will provide a detailed written statement of reasons.

6. – 7. ...

8. The policy must provide that the insurer may not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy must, at a minimum, provide the insured with the option of renewal at the face amount of the expiring policy. If there is a failure to pay the premium, the insurer may elect to cancel, terminate, or fail to renew the policy by sending notice by certified mail to the owner or operator and the Office of Environmental Services. Cancellation, termination, or failure to renew may not occur, however, during the 120 days beginning with the date of receipt of the notice by both the administrative authority and the owner or operator, as evidenced by the return receipts. Cancellation, termination, or failure to renew may not occur and the policy will remain in full force and effect in the event that on or before the date of expiration:

a. – e. ...

9. Whenever the current post-closure cost estimate increases to an amount greater than the face amount of the policy during the operating life of the facility, the owner or operator, within 60 days after the increase, must either cause the face amount to be increased to an amount at least equal to the current post-closure cost estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current post-closure cost estimate decreases during the operating life of the facility, the face amount may be reduced to the amount of the current post-closure cost estimate following written approval by the administrative authority.

D.10. – E.2. ...

3. To demonstrate that he meets this test, the owner or operator must submit the following items to the Office of Environmental Services:

a. – c.ii. ...

4. The owner or operator may obtain an extension of the time allowed for submission of the documents specified in Paragraph E.3 of this Section if the fiscal year of the owner or operator ends during the 90 days prior to the effective date of these regulations and if the year-end financial statements for that fiscal year will be audited by an independent certified public accountant. The extension will end no later than 90 days after the end of the owner's or operator's fiscal year. To obtain the extension, the owner's or operator's chief financial officer must send, by the effective date of these regulations, a letter to the Office of Environmental Services. This letter from the chief financial officer must:

a. – f. ...

5. After the initial submission of items specified in Paragraph E.3 of this Section, the owner or operator must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must consist of all three items specified in Paragraph E.3 of this Section.

6. If the owner or operator no longer meets the requirements of Paragraph E.1 of this Section, he must send notice to the Office of Environmental Services of intent to establish alternate financial assurance as specified in this Section. The notice must be sent by certified mail within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the requirements. The owner or operator must provide the alternate financial assurance within 120 days after the end of such fiscal year.

7. – 11.a. ...

b. the corporate guarantee will remain in force unless the guarantor sends notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts; and

E.11.c. – F. ...

G. Use of a Financial Mechanism for Multiple Facilities. An owner or operator may use a financial assurance mechanism specified in this Subsection to meet the requirements of this Subsection for more than one facility. Evidence of financial assurance submitted to the Office of Environmental Services must include a list showing, for each facility, the EPA identification number, name, address, and the amount of funds for post-closure assured by the mechanism. The amount of funds available through the mechanism must be no less than the sum of funds that would

be available if a separate mechanism had been established and maintained for each facility. In directing funds available through the mechanism for post-closure care of any of the facilities covered by the mechanism, the administrative authority may direct only the amount of funds designated for that particular facility, unless the owner or operator agrees to the use of additional funds available under the mechanism.

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 LR 10:496 (July 1984), LR 13:433 (August 1987), LR 18:723 (July 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1521 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2504 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2479 (October 2005), LR 33:2131 (October 2007).

§4411. Liability Requirements

A. – A.1. ...

a. Each insurance policy must be amended by attachment of the hazardous waste facility liability endorsement or evidenced by a certificate of liability insurance. The wording of the endorsement must be identical to the wording specified in LAC 33:V.3719.I. The wording of the certificate of insurance must be identical to the wording specified in LAC 33:V.3719.J. The owner or operator must submit a signed duplicate original of the endorsement or the certificate of insurance to the Office of Environmental Services. If requested by the administrative authority, the owner or operator must provide a signed duplicate original of the insurance policy.

1.b. – 6. ...

7. An owner or operator shall notify the Office of Environmental Services in writing within 30 days whenever:

A.7.a. – B.1. ...

a. Each insurance policy must be amended by attachment of the hazardous waste facility liability endorsement or evidenced by a certificate of liability insurance. The wording of the endorsement must be identical to the wording specified in LAC 33:V.3719.I. The wording of the certificate of insurance must be identical to the wording specified in LAC 33:V.3719.J. The owner or operator must submit a signed duplicate original of the endorsement or the certificate of insurance to the Office of Environmental Services. If requested by the administrative authority, the owner or operator must provide a signed duplicate original of the insurance policy.

1.b. – 6. ...

7. An owner or operator shall notify the Office of Environmental Services in writing within 30 days whenever:

B.7.a. – F.2. ...

3. To demonstrate that he meets this test, the owner or operator must submit the following three items to the Office of Environmental Services.

a. – c.ii. ...

4. The owner or operator may obtain a one-time extension of the time allowed for submission of the documents specified in Paragraph F.3 of this Section if the fiscal year of the owner or operator ends during the 90 days prior to the effective date of these regulations and if the year-end financial statements for that fiscal year will be audited by an independent certified public accountant. The extension will end no later than 90 days after the end of the owner's or operator's fiscal year. To obtain the extension, the chief financial officer for the owner or operator must send a letter to the Office of Environmental Services. This letter from the chief financial officer must:

a. – f. ...

5. After the initial submission of items specified in Paragraph F.3 of this Section, the owner or operator must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must consist of all three items specified in Paragraph F.3 of this Section.

6. If the owner or operator no longer meets the requirements of Paragraph F.1 of this Section, he must obtain insurance, a letter of credit, a surety bond, a trust fund, or a guarantee for the entire amount of required liability coverage as specified in this Section. Evidence of liability coverage must be submitted to the Office of Environmental Services within 90 days after the end of the fiscal year for which the year-end financial data show that the owner or operator no longer meets the test requirements.

F.7. – G.3. ...

H. Letter of Credit for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by obtaining an irrevocable standby letter of credit that conforms to the requirements of this Subsection and submitting a copy of the letter of credit to the Office of Environmental Services.

2. – 5. ...

I. Surety Bond for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by obtaining a surety bond that conforms to the requirements of this Subsection and submitting a copy of the bond to the Office of Environmental Services.

2. – 4. ...

J. Trust Fund for Liability Coverage

1. An owner or operator may satisfy the requirements of this Section by establishing a trust fund that conforms to the requirements of this Subsection and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services.

J.2. – K. ...

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 13:433 (August 1987), LR 16:399 (May 1990), LR 18:723 (July 1992), repromulgated LR 19:627 (May 1993), amended by the Office of Waste Services, Hazardous Waste Division, LR 23:1521 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2506 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2481 (October 2005), LR 33:2133 (October 2007).

§4413. Incapacity of Owners or Operators, Guarantors, or Financial Institutions

A. An owner or operator must notify the Office of Environmental Services by certified mail of the commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the owner or operator as debtor, within 10 days after commencement of the proceeding. A guarantor of a corporate guarantee as specified in LAC 33:V.4403.E and 4407.E must make such a notification if he is named as debtor, as required under the terms of the corporate guarantee (see LAC 33:V.3719.H).

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 by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2507 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2482 (October 2005), LR 33:2134 (October 2007).

Subchapter I. Tanks

§4437. Containment and Detection of Releases

A. – H. ...

1. The Office of Environmental Services must be notified in writing by the owner or operator that he intends to conduct and submit a demonstration for a variance from secondary containment as allowed in Subsection G of this Section according to the following schedule:

a. – b. ...

2. As part of the notification, the owner or operator must also submit to the Office of Environmental Services a description of the steps necessary to conduct the demonstration and a timetable for completing each of the steps. The demonstration must address each of the factors listed in Paragraph G.1 or 2 of this Section.

3. The demonstration for a variance must be completed and submitted to the Office of Environmental Services within 180 days after notifying the administrative authority of intent to conduct the demonstration.

H.4. – I.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 13:651 (November 1987), LR 14:790 (November 1988), LR 16:614 (July 1990), LR 18:723 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2507 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2482 (October 2005), LR 33:2134 (October 2007).

Subchapter J. Surface Impoundments

§4449. Action Leakage Rate

A. The owner or operator of surface impoundment units subject to LAC 33:V.4462.A must submit a proposed action leakage rate to the Office of Environmental Services when submitting the notice required under LAC 33:V.4462.B. Within 60 days of receipt of the notification, the administrative authority will establish an action leakage rate, either as proposed by the owner or operator or modified using the criteria in this Section, or extend the review period for up to 30 days. If no action is taken by the administrative authority before the original 60- or the extended 90-day review periods, the action leakage rate will be approved as proposed by the owner or operator.

B. – C. ...

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2508 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2482 (October 2005), LR 33:2134 (October 2007).

§4451. Response Actions

A. The owner or operator of surface impoundment units subject to LAC 33:V.4462.A must submit a response action plan to the Office of Environmental Services when submitting the proposed action leakage rate under LAC 33:V.4449. The response action plan must set forth the actions to be taken if the action leakage rate has been exceeded. At a minimum, the response action plan must describe the actions specified in Subsection B of this Section.

B. – C.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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2508 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

§4462. Design Requirements

A. ...

B. The owner or operator of each unit referred to in Subsection A of this Section must notify the Office of Environmental Services at least 60 days prior to receiving waste. The owner or operator of each facility submitting notice must file a Part II application within six months of the receipt of such notice.

C. – 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 16:220 (March 1990), amended LR 17:368 (April 1991), LR 18:723 (July 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2508 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

Subchapter K. Waste Piles

§4472. Response Actions

A. The owner or operator of waste pile units subject to LAC 33:V.4476 must submit a response action plan to the Office of Environmental Services when submitting the proposed action leakage rate under LAC 33:V.4474. The response action plan must set forth the actions to be taken if the action leakage rate has been exceeded. At a minimum, the response action plan must describe the actions specified in Subsection B of this Section.

B. – C.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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2508 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

§4474. Action Leakage Rates

A. The owner or operator of waste pile units subject to LAC 33:V.4476 must submit a proposed action leakage rate to the Office of Environmental Services when submitting the notice required under LAC 33:V.4476. Within 60 days of receipt of the notification, the administrative authority will establish an action leakage rate, either as proposed by the owner or operator or modified using the criteria in this Section, or extend the review period for up to 30 days. If no action is taken by the administrative authority before the original 60- or the extended 90-day review periods, the action leakage rate will be approved as proposed by the owner or operator.

B. – C. ...

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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2508 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

Subchapter L. Land Treatment

§4489. Closure and Post-Closure

A. – D.4. ...

E. For the purpose of complying with LAC 33:V.4387, when closure is completed the owner or operator may submit to the Office of Environmental Services certification both by the owner or operator and by an independent qualified soil scientist in lieu of an independent registered professional engineer, that the facility has been closed in accordance with the specifications in the approved closure plan.

F. – F.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 10:496 (July 1984), LR 18:723 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2509 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

Subchapter M. Landfills

§4512. Design and Operating Requirements

A. ...

B. The owner or operator of each unit referred to in Subsection A of this Section must notify the Office of Environmental Services at least 60 days prior to receiving waste. The owner or operator of each facility submitting notice must file a Part II application within six months of the receipt of such notice.

C. – 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 16:220 (March 1990), amended LR 18:723 (July 1992), LR 20:1000 (September 1994), LR 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2509 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2483 (October 2005), LR 33:2135 (October 2007).

Subchapter N. Incinerators

§4522. Interim Status Incinerators Burning Particular Hazardous Wastes

A. – B. ...

1. The owner or operator will submit an application to the Office of Environmental Services containing applicable information in LAC 33:V.529 and 3115 demonstrating that the incinerator can meet the performance standards in LAC 33:V.Chapter 31 when they burn these wastes.

2. – 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 16:220 (March 1990), amended LR 20:1000 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2509 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2484 (October 2005), LR 33:2136 (October 2007).

Subchapter O. Thermal Treatment

§4534. Interim Status Thermal Treatment Devices Burning Particular Hazardous Waste

A. – B. ...

1. The owner or operator will submit an application to the Office of Environmental Services containing the applicable information in LAC 33:V.529 and 3115 demonstrating that the thermal treatment unit can meet the performance standard in LAC 33:V.Chapter 31 when they burn these wastes.

2. – 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 16:220 (March 1990), amended LR 20:1000 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2509 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2484 (October 2005), LR 33:2136 (October 2007).

Subchapter T. Containment Buildings

§4703. Design and Operating Standards

A. – C.3.a.iii. ...

iv. within seven days after the discovery of the condition, notify the Office of Environmental Services of the condition and, within 14 working days, provide a written notice to the administrative authority with a description of the steps taken to repair the containment building and the schedule for accomplishing the work;

b. ...

c. upon completing all repairs and cleanup, the owner or operator must notify the Office of Environmental Services in writing and provide a verification, signed by a qualified, registered professional engineer, that the repairs and cleanup have been completed according to the written plan submitted in accordance with LAC 33:V.4703.C.3.a.iv; and

C.4. – 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 21:266 (March 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2509 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2136 (October 2007).

Chapter 53. Military Munitions

§5309. Standards Applicable to the Storage of Solid Waste Military Munitions

A. – A.1.c. ...

d. within 90 days of when a storage unit is first used to store waste military munitions, whichever is later, the owner or operator must notify the Office of Environmental Services of the location of any waste storage unit used to store waste military munitions for which the conditional exemption in Paragraph A.1 of this Section is claimed;

1.e. – 3. ...

B. Notice of Termination of Waste Storage. The owner or operator must notify the Office of Environmental Services when a storage unit identified in Subparagraph A.1.d of this Section will no longer be used to store waste military munitions.

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 Waste Services, Hazardous Waste Division, LR 24:1757 (September 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2510 (November 2000), LR 30:1675 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2484 (October 2005), LR 33:2136 (October 2007).

Title 33

Part VI. Inactive and Abandoned Hazardous Waste and Hazardous Substance Site Remediation

Chapter 1. General Provisions and Definitions

§103. Regulatory Overview

A. ...

B. Site Discovery and Evaluation

1. Site Discovery Reporting. These regulations establish a reporting program as required by the Louisiana Environmental Quality Act to help identify inactive or uncontrolled sites where hazardous substances could have been disposed of or discharged. Owners, lessees, and other persons who know or discover that hazardous substances have been discharged or disposed of at such a site must report this information to the Office of Environmental Assessment within the specified time. The department may also discover sites through its own investigations, referrals from other agencies, or other means.

B.2. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2178 (November 1999), amended LR 26:2510 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2136 (October 2007).

§117. Definitions

A. ...

* * *

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2179 (November 1999), amended LR 26:2511 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2136 (October 2007).

Chapter 2. Site Discovery and Evaluation

§201. Site Discovery

A. Site Discovery Reporting Requirements. As part of a program to identify inactive or uncontrolled contaminated sites, the owner, operator, or other responsible person shall report to SPOC, within 24 hours, in the manner provided in LAC 33:I.3923, any sites where hazardous substances have been, or could have been, disposed of or discharged. This Section sets forth the requirements for reporting such sites.

B. – B.5.f. ...

C. Voluntary Reporting. In addition to the mandatory reporting by those persons listed under Subsection B of this Section, all members of the public are encouraged to report to the department any suspected discharge, disposal, or presence of any hazardous substance at any inactive or uncontrolled site. This voluntary reporting can be made by contacting SPOC in the manner provided in LAC 33:I.3923.

D. – D.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2182 (November 1999), amended LR 26:2511 (November 2000), LR 28:1762 (August 2002), LR 30:1675 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2484 (October 2005), LR 33:2137 (October 2007).

Chapter 3. Administrative Processes

§303. Declaration That a Site Is Abandoned

A. – B.2. ...

3. Within 10 calendar days of the publication of the last official journal notice, any owner may request a hearing by writing to the Office of the Secretary regarding the declaration of abandonment. If a request for a hearing is received, the department shall hold a hearing in accordance with the Louisiana Administrative Procedure Act, R.S. 49:950 et seq.

C. – C.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2184 (November 1999), amended LR 26:2511 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2484 (October 2005), LR 33:2137 (October 2007).

Chapter 4. PRP Search, Notification, and Demand for Remediation

§403. Notification to Provide Information

A. The Office of Environmental Assessment shall send a written notification to provide information to all PRPs identified during its preliminary PRP investigation. The administrative authority may, at its discretion, send supplemental or additional notifications to any PRP identified by the administrative authority at any time during the remedial action process.

B. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2186 (November 1999), LR 26:2511 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2137 (October 2007).

Chapter 5. Site Remediation

§501. Remedial Actions

A. ...

B. The Office of Environmental Assessment shall consider the following factors in determining the need for or the appropriateness of a remedial action consistent with Subsection A of this Section:

B.1. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2186 (November 1999), amended LR 26:2511 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2137 (October 2007).

§502. Role of PRPs in Remedial Actions

A. The Office of Environmental Assessment may, at its sole discretion, direct PRPs to perform any site investigation, remedial investigation, corrective action study, and/or remedial action in accordance with the following:

1. – 5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2186 (November 1999), amended LR 26:2511 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2137 (October 2007).

§505. Removal Action

A. – A.3. ...

4. If the removal action results in achievement of the RECAP standards established by the department, the Office of Environmental Assessment may determine that no further action is required. The department may then issue a decision document stating that the removal action is the final remedy and no further action is required.

5. ...

B. A removal action work plan shall be prepared by the Office of Environmental Assessment, or by PRPs as directed by the department. Any plan prepared by PRPs shall be reviewed and approved by the department prior to the commencement of the removal action. The department will provide comments to the PRPs and require revisions as necessary before approving the PRPs' plan. The minimum requirements for a removal action work plan include:

B.1. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2187 (November 1999), amended LR 26:2512 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2137 (October 2007).

§507. Remedial Investigation

A. – B. ...

C. To complete a RI the Office of Environmental Assessment, or PRPs as directed by the department, shall provide the following.

1. – 3. ...

4. Remedial Investigation Report. Following the completion of the RI, a remedial investigation report shall be prepared by the Office of Environmental Assessment, or by PRPs as directed by the department. Any RI report prepared by PRPs shall be reviewed and approved by the department. The department will provide comments to the PRPs and require revisions as necessary before approving the PRPs' report. At a minimum, this report shall include:

C.4.a. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2187 (November 1999), amended LR 26:2512 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2137 (October 2007).

§509. Corrective Action Study

A. – C.5. ...

6. Preparation of a Corrective Action Study Report. Following the completion of the corrective action study activities in this Subsection, a CAS report describing the results of all required CAS activities shall be prepared by the Office of Environmental Assessment, or by PRPs as directed by the department. Any CAS report prepared by PRPs shall be reviewed and approved by the department prior to the approval of the CAS. The department will provide comments to the PRPs and require revisions as necessary before approving the PRPs' report.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2188 (November 1999), amended LR 26:2512 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2138 (October 2007).

§515. Revisions to the Final Remedy

A. – B. ...

1. notify the Office of Environmental Assessment that a modification is necessary;

2. – 3. ...

C. If the department determines that a modification is necessary (whether proposed by a PRP or by the department) and if the modification changes the final remedy in the final

decision document, then the Office of Environmental Assessment shall:

1. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2191 (November 1999), amended LR 26:2512 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2138 (October 2007).

§521. Post-Remedial Management

A. – A.2. ...

B. Operation and Maintenance. An operation and maintenance (O and M) plan shall be prepared for all sites assigned post-remedial management because hazardous substances remain at the site at levels above remedial goals or where O and M is part of the approved remedy. O and M plans prepared by PRPs shall be submitted to the Office of Environmental Assessment for review and approval. The department will provide comments to the PRPs and require revisions as necessary before approving the PRPs' plan. O and M plans prepared by PRPs for a site where leaving hazardous substances at the site is part of the approved and completed remedy shall be submitted to the department for review and approval at least six months prior to completion of the remedy. Each O and M plan shall include, but not be limited to:

1. – 8. ...

C. Monitoring. If required by the department, a monitoring plan shall be developed by the Office of Environmental Assessment, or by PRPs as directed by the department. A monitoring plan prepared by PRPs shall be submitted to the department for review and approval. The department shall provide comments to the PRPs and require revisions as necessary before approving the PRPs' plan. This plan shall include a description of provisions for monitoring of site conditions during the post-remedial management period to prevent further endangerment to human health and the environment, including:

C.1. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2191 (November 1999), amended LR 26:2512 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2138 (October 2007).

Chapter 6. Cost Recovery

§607. Determination of Remedial Costs; Demand to PRPs

A. Timing. The Office of Environmental Assessment may at any time prepare a written determination of the cost of partial or complete remediation of a site. The department may revise its determination in writing at any time thereafter.

B. – D.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2193 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2138 (October 2007).

Chapter 7. Settlement and Negotiations

§705. Negotiations

A. – B.4. ...

C. Negotiations after Issuance of Administrative Orders. PRPs who have received unilateral administrative orders may negotiate with the Office of Environmental Assessment for dismissal of the administrative order upon execution of a cooperative agreement unless an emergency situation has been declared or the department determines that a stay of remedial actions or of enforcement will be detrimental to the public health, welfare, or the environment. The department has sole discretion in determining whether to enter into negotiations after issuance of a unilateral administrative order. Except by written determination of the department, no request for or conduct of negotiations in accordance with this Section shall serve to stay or modify the terms of any such unilateral administrative order.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2194 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2138 (October 2007).

§709. De Minimis Settlements

A. – C. ...

D. To attain the goal set forth in Subsection C of this Section, the de minimis settlement should ordinarily involve a cash payment to the Office of Management and Finance by the settling party or parties, rather than a commitment to perform work. Where a remedial action is being conducted in whole or in part by PRPs, it may be appropriate for settling de minimis parties to deposit the amount paid in accordance with the de minimis settlement into a site-specific trust fund to be administered by a third party trustee and used for remedial action for that site.

E. – F.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2195 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2139 (October 2007).

§711. Mixed Funding

A. – B. ...

C. Eligibility and Mixed Funding Criteria. The Office of Environmental Assessment shall make a determination whether a proposal is eligible for funding. The only circumstances under which mixed funding can be approved by the department are when the funding will achieve both:

C.1. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2171 et seq., 2221 et seq., and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2195 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2139 (October 2007).

Chapter 8. Public Information and Participation

§801. Public Information

A. – B. ...

1. Information Repositories. The Office of Environmental Assessment may establish and maintain an information repository in a public location near the site. If a repository is established, PRPs shall provide the department with copies of all necessary documents.

2. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2196 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2139 (October 2007).

§803. Public Participation

A. In order to ensure that the public has an opportunity to comment on site-related decisions, the Office of Environmental Assessment, or PRPs as directed by the department, shall provide opportunities for public participation as listed in this Section. All public participation activities undertaken by PRPs shall be performed under the direction and approval of the department.

1. – 1.b. ...

2. For sites where the secretary has made a demand for remedial action in accordance with R.S. 30:2275, the department shall, upon written request, provide an opportunity for a public meeting prior to approval of a site remedial investigation plan and selection of a remedy. Additionally, if a written request is received, the department shall hold a public comment period of not more than 60 calendar days duration prior to approval of a site remedial investigation plan and selection of a site remedy. Written requests shall be mailed to the Office of Environmental Assessment.

a. ...

b. Prior to any public comment period, the Office of Environmental Assessment, or PRPs as directed by the department, shall place a copy of the document being reviewed in a public location near the site.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2221 et seq. and 2271 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 25:2196 (November 1999), amended LR 26:2513 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2139 (October 2007).

Chapter 9. Voluntary Remediation

§911. Application Process

A. ...

1. a Voluntary Remedial Investigation Application Form VCP001, available from the Office of Environmental Assessment and on the department's website, with required attachments, accompanied by the remedial investigation work plan review fee; and

2. – 2.f. ...

B. Voluntary Remediation Applications. Prior to implementation of a voluntary remedial action at a site, applicants must submit a voluntary remediation application to the Office of Environmental Assessment for review and final approval. The application shall consist of the following:

1. a Voluntary Remediation Application Form VCP002, available from the Office of Environmental Assessment and on the department's website, with required attachments, accompanied by the remedial action plan review fee;

B.2. – C.1. ...

2. After the application is accepted for public review and before the beginning of the public comment period provided in Subsections D and F of this Section, the applicant shall provide the number of copies of the accepted application specified by the administrative authority to the Office of Environmental Assessment.

3. ...

D. Public Notice. Upon acceptance of the voluntary remediation application, as set forth in Subsection C of this Section, the applicant must place a public notice of the proposed voluntary remedial action plan in the local newspaper of general circulation in the parish where the voluntary remediation site is located. The public notice shall be a single classified advertisement at least 4 inches by 6 inches in size in the legal or public notices section. The applicant must provide proof of publication of the notice to the Office of Environmental Assessment prior to final approval of the plan. The public notice shall:

1. – 2. ...

3. indicate that comments shall be submitted to the Office of Environmental Assessment (including the contact

person, mailing address, and physical address), as well as indicate the deadline for submission of comments;

4. – 5. ...

E. Direct Notice to Landowners. Within five days of the public notice in Subsection D of this Section, the applicant must send a direct written notice of the voluntary remedial action plan to persons owning immovable property contiguous to the voluntary remediation site. This notice shall be sent to persons listed as owners of the property on the rolls of the parish tax assessor as of the date on which the voluntary remediation application is submitted. The notice must be sent by certified mail and contain the same information that is provided in the public notice. Return receipts or other evidence of the receipt or attempted delivery of the direct notice must be provided to the Office of Environmental Assessment prior to final approval of the plan.

F. Public Hearing and Comment

1. Comments on the voluntary remedial action plan shall be accepted by the Office of Environmental Assessment for a period of 30 days after the date of the public notice and shall be fully considered by the division prior to final approval of the plan. However, if the administrative authority determines a shorter or longer comment period is warranted, the administrative authority may provide for a shorter or longer comment period in the public notice described in Paragraph D.1 of this Section. Also, the comment period provided in the public notice may be extended by the administrative authority if the administrative authority determines such an extension is warranted.

F.2. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2285 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:516 (April 2001), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2485 (October 2005), LR 33:2139 (October 2007).

§913. Completion of Voluntary Remedial Actions

A. – D. ...

1. the applicant provides written notice to the Office of Environmental Assessment at least 15 days in advance of the termination;

2. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq. and in particular R.S. 30:2285 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:518 (April 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2485 (October 2005), LR 33:2140 (October 2007).

Title 33
Part VII. Solid Waste
Subpart 1. Solid Waste Regulations
Chapter 1. General Provisions and Definitions

§113. Public Information Service

A. – B. ...

C. Mailing List. The department shall maintain a mailing list of groups or individuals interested in public hearings and other such activities of the Office of Environmental Services.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2514 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2485 (October 2005), LR 33:1019 (June 2007), LR 33:2140 (October 2007).

Chapter 3. Scope and Mandatory Provisions of the Program

§301. Exempted Waste

A. All *solid wastes*, as defined by the Act and these regulations, are subject to the provisions of these regulations, except as follows:

1. wastes regulated under other authority and not processed or disposed of in solid waste facilities permitted under these regulations, including but not limited to, the following wastes:

a. agricultural-crop residues, aquacultural residues, silvicultural residues, and other agricultural wastes stored, processed, or disposed of on the site where the crops are grown or that are stored, processed, or disposed in accordance with a best management practice plan that has been provided to the Office of Environmental Services and approved in writing by the Department of Agriculture, and within the jurisdiction of the Department of Agriculture;

b. mining overburden, spoils, tailings, and related solid wastes within the jurisdiction of the Department of Natural Resources, Office of Conservation;

c. produced-waste fluids and muds resulting from the exploration for or production of petroleum and geothermal energy, and all surface and storage waste facilities incidental to oil and gas exploration and production, within the jurisdiction of the Department of Natural Resources, Office of Conservation;

d. uncontaminated dredge or earthen excavation spoil;

e. solid wastes while they are stored at residences or commercial establishments and regulated by local ordinance, or within the jurisdiction of the Department of Health and Hospitals;

f. uncontaminated residues from beneficiation of earthen material;

g. uncontaminated storm water and uncontaminated noncontact cooling water;

h. infectious waste or other hospital or clinic wastes that are not processed or disposed of in solid waste processing or disposal facilities permitted under these regulations; and

i. sewage sludge (including domestic septage) that is generated, treated, processed, composted, blended, mixed, prepared, transported, used, or disposed of in accordance with LAC 33:IX.Chapter 73. Sewage sludge and domestic septage not managed in accordance with LAC 33:IX.Chapter 73 shall be managed in accordance with these regulations; and

2. wastes excluded by the definition of *solid waste* in the Act and/or as otherwise specified in the Act, including:

a. hazardous wastes subject to regulation under R.S. 30:2171 et seq.;

b. solid or dissolved material in domestic sewage (such as domestic-oxidation ponds), except separated sludges;

c. solid or dissolved materials in irrigation-return flow;

d. discharges that are downstream from point sources subject to permit under R.S. 30:2074, except waste contained in solid waste facilities prior to the final discharge point, provided, however, that:

i. wastewaters in existing ditches that are downstream of a designated internal state or federal wastewater discharge point are exempt from the definition of *solid waste* if they require no further treatment to meet final state or federal wastewater discharge point permit limits or if they require only pH adjustment to meet final pH permit limits, or suspended solids settling specifically to meet final total suspended solids permit limits;

ii. wastewasters in existing ditches upstream of a designated final state or federal wastewater discharge point that require no further treatment to meet final state or federal permit limits or that only require pH adjustment to meet final pH permit limits, or solids settling specifically to meet total suspended solids permit limits, are exempt from the definition of *solid waste*;

iii. solids or sludges in ditches are exempt from the definition of *solid waste* until such time as such solids or sludges are removed from the ditches for disposal, provided however, that this exclusion from the definition of solid waste only applies to solids and sludges derived from wastewaters described in Clauses A.2.d.i and ii of this Section;

iv. the administrative authority reserves the right to withdraw the exemption for wastewaters in Clauses A.2.d.i and ii of this Section if the wastewaters contribute to groundwater contamination;

e. source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.); and

f. compost produced by an individual for his own beneficial use, as provided in R.S. 30:2416(G).

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 22:279 (April 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2515 (November 2000), LR 28:780 (April 2002), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2485 (October 2005), LR 33:1027 (June 2007), LR 33:2140 (October 2007), LR 33:2365 (November 2007).

§303. Wastes Not Subject to the Permitting Requirements or Processing or Disposal Standards of These Regulations

A. – A.9. ...

10. woodwastes that are beneficially-used in accordance with a Best Management Practice Plan approved in writing by the Department of Agriculture and submitted to the Office of Environmental Services, provided that the following requirements are met:

a. the generator shall notify the Office of Environmental Services of such activity at each site in accordance with LAC 33:VII.401.A;

b. the generator shall submit to the Office of Management and Finance a disposer annual report that reports amounts of woodwastes beneficially-used at each site;

11. – 13. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 24:2250 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2515 (November 2000), repromulgated LR 27:703 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2486 (October 2005), LR 33:1027 (June 2007), LR 33:2140 (October 2007).

§305. Facilities Not Subject to the Permitting Requirements or Processing or Disposal Standards of These Regulations

A. – A.4. ...

a. the facility shall notify the Office of Environmental Services of such activity in accordance with LAC 33:VII.401.A; and

b. the facility shall submit to the Office of Management and Finance a disposer annual report in accordance with the standards for construction/demolition-debris disposal facilities found in LAC 33:VII.721.B.1;

c. the facility owner shall update the parish mortgage and conveyance records by entering the specific location of the facility and specifying that the property was used for the disposal of solid waste. The document shall identify the name and address of the person with the knowledge of the contents of the facility. An example of the form to be used for this purpose is provided in LAC 33:VII.3011.Appendix F. The facility shall provide the Office of Environmental Services with a true copy of the document filed and certified by the parish clerk of court;

5. – 8. ...

a. the facility shall notify the Office of Environmental Services of such activity in accordance with LAC 33:VII.401.A;

b. the facility shall submit to the Office of Management and Finance a disposer annual report in accordance with the standards for woodwaste disposal facilities in LAC 33:VII.721.B.1;

8.c. – 9.c. ...

d. the facility shall notify the Office of Environmental Services of its activities in accordance with LAC 33:VII.401.A;

e. the facility shall submit to the Office of Management and Finance a disposer annual report that accurately estimates volumes of waste disposed in accordance with the standards for woodwaste disposal facilities found in LAC 33:VII.721.B.1; and

9.f. – 12. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 22:279 (April 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1264 (June 2000), LR 26:2515, 2609 (November 2000), repromulgated LR 27:703 (May 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2486 (October 2005), LR 33:1028 (June 2007), LR 33:2140 (October 2007).

§307. Exemptions

A. – C.1. ...

2. Persons granted emergency exemptions by the administrative authority shall publish a notice to that effect in the legal-notices section of a newspaper of general circulation in the area and parish where the facility requesting the exemption is located. The notice shall be published one time as a single classified advertisement in the legal-notices section of a newspaper of general circulation in the area and parish where the facility is located, and one time as a classified advertisement in the legal-notices section of the official journal of the state. The notice shall describe

the nature of the emergency exemption and the period of time for which the exemption was granted. Proof of publication of the notice shall be forwarded to the Office of Environmental Services within 60 days after the granting of an emergency exemption.

D. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2516 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2486 (October 2005), LR 33:1029 (June 2007), LR 33:2141 (October 2007).

§311. Submittal of Information by Persons Other than Permit Holder or Applicant

A. Documentation must be provided to the Office of Environmental Services by the permit holder or applicant authorizing other persons to submit information on their behalf.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2516 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2486 (October 2005), LR 33:1030 (June 2007), LR 33:2141 (October 2007).

Chapter 4. Administration, Classifications, and Inspection Procedures for Solid Waste Management Systems [Formerly Chapter 5.Subchapter A]

§401. Notification [Formerly §503]

A. Persons who generate industrial solid waste and/or persons who transport, process, or dispose of solid waste shall, within 30 days after they become subject to these regulations, notify the Office of Environmental Services in writing of such activity. A form to be used for notification shall be obtained from the Office of Environmental Services or through the department's website.

B. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2517 (November 2000), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2487 (October 2005), LR 33:1031 (June 2007), LR 33:2141 (October 2007).

§403. Existing Facilities Classification [Formerly §505]

A. – A.2. ...

3. Within 30 days after the classification inspection, any person who processes or disposes of solid waste shall file with the Office of Environmental Services a notice of his intent to upgrade or close a facility.

B. – E.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2517 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2487 (October 2005), LR 33:1031 (June 2007), LR 33:2141 (October 2007).

§407. Inspection Types and Procedures [Formerly §509]

A. – B. ...

C. Initial Start-Up Inspection—Newly Permitted Facilities

1. For existing facilities, the initial start-up inspection shall be made after a standard permit has been issued, all upgrading measures are completed, new activities as a result of upgrade are implemented, and certification is submitted to the Office of Environmental Services by a professional engineer, licensed in the state of Louisiana, that the facility is constructed and has been upgraded in accordance with the permit.

2. For new facilities, the initial start-up inspection shall be made after a standard permit has been issued, construction measures have been completed, and certification is submitted to the Office of Environmental Services by a professional engineer, licensed in the state of Louisiana, that the facility is constructed in accordance with the permit.

3. All start-up inspections shall be initiated within 10 working days of receipt of certification by the Office of Environmental Services unless a longer time period is set by mutual agreement.

4. ...

D. Construction Inspections. At least 10 days prior to commencing construction of a liner, leak-detection system, leachate-collection system, or monitoring well at a Type I or Type II facility, the permit holder shall notify the Office of Environmental Services, in writing, of the date on which construction will begin, in order to allow a representative of the department the opportunity to witness the construction.

E. Unit Start-Up Inspections—All Facilities

1. Start-up inspections for new units of a standard permitted facility shall be conducted after completion of all construction measures and after submittal of certification to the Office of Environmental Services by a professional

engineer licensed in the state of Louisiana, that the unit is constructed in accordance with the permit.

2. All start-up inspections shall be initiated within 10 working days of receipt of certification by the Office of Environmental Services.

3. ...

F. Modification Start-Up Inspections—All Facilities

1. Start-up inspections for modified construction of a standard permitted facility shall be conducted after construction measures of the modification are completed and certification is submitted to the Office of Environmental Services by a professional engineer licensed in the state of Louisiana, that the modified feature/unit has been constructed in accordance with the modification approved by the administrative authority and any conditions specified in such approval.

2. ...

G. Closure Inspections. Closure inspections will be conducted within 30 days after the Office of Environmental Services has received written notice from the permit holder that closure requirements have been met in accordance with the approved closure plan and the permit holder has filed a request for a closure inspection. Closure inspections shall be conducted before backfilling of a facility takes place. The administrative authority reserves the right to determine if a facility has been closed properly.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2517 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2487 (October 2005), LR 33:1032 (June 2007), LR 33:2142 (October 2007).

Chapter 5. Solid Waste Management System

Subchapter A. General Standards for Nonpermitted Facilities [Formerly Chapter 7.Subchapter A]

§501. Standards Governing Industrial Solid Waste Generators [Formerly §701]

A. Annual Reports

1. Generators of industrial solid waste shall submit annual reports to the Office of Management and Finance listing the types and quantities, in wet-weight tons per year, of industrial solid waste they have disposed of off-site.

2. – 3. ...

4. The report shall be submitted to the Office of Management and Finance by August 1 of each reporting year.

A.5. – B.1. ...

a. submit to the Office of Environmental Services a generator notification form, which is available on the department's website or by contacting the Office of Environmental Services, that includes analysis, analytical data, and/or process knowledge that confirms that the waste is not a characteristic or listed hazardous waste as defined in LAC 33:V or by federal regulations; and

B.1.b. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2521 (November 2000), repromulgated LR 27:703 (May 2001), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2490 (October 2005), LR 33:1033 (June 2007), LR 33:2142 (October 2007).

§508. Standards Governing Non-Processing Transfer Stations for Solid Waste

A. – A.1. ...

2. notify the Office of Environmental Services in accordance with LAC 33:VII.401;

A.3. – L. ...

M. All waste shall be removed to a permitted facility at closure. Notification of closure shall be submitted to the Office of Environmental Services.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1034 (June 2007), amended LR 33:2142 (October 2007).

Subchapter B. Permit Administration

§509. Permit System [Formerly §511, §315.E and F, and §513.F.5-7]

A. – A.1. ...

2. Generators that are not processors or disposers of solid waste are not required to secure a permit. Generators of industrial solid waste shall notify the Office of Environmental Services in accordance with LAC 33:VII.501.B. Generators of industrial solid waste are subject to the applicable standards provided in LAC 33:VII.501.

3. Transporters that are not processors or disposers of solid waste are not required to secure a permit. Transporters of solid waste shall notify the Office of Environmental Services in accordance with LAC 33:VII.401.A and B. Transporters of solid waste are subject to the applicable standards provided in LAC 33:VII.505.

4. Collection facilities and non-processing transfer stations at which no solid waste is processed or disposed of

are not required to secure a permit. Non-processing transfer stations and collection facilities are subject to the standards found in LAC 33:VII.503, 507, and 508 and shall notify the Office of Environmental Services in accordance with LAC 33:VII.401.A and B.

A.5. – B.2. ...

C. Existing Facilities Not Previously Classified or Not Presently Operating Under a Standard Permit

1. Only those existing facilities that the administrative authority classifies for upgrading may apply for a standard permit. The person notifying the Office of Environmental Services shall be issued a temporary permit and may continue operations in accordance with the interim operational plan, pending a decision on the standard permit application.

C.2. – D.2. ...

a. Processing and/or disposal facilities with an effective standard permit shall submit to the Office of Environmental Services a new permit application at least 455 calendar days before the expiration date of the standard permit, unless permission for later filing is granted by the administrative authority. If the reapplication is submitted on or before the deadline above, and the administrative authority does not issue a final decision on the reapplication on or before the expiration date of the standard permit, the standard permit shall remain in effect until the administrative authority issues a final decision.

D.2.b. – F.4. ...

5. Public Opportunity to Request a Hearing. Any person may, within 30 days after the date of publication of the newspaper notice (LAC 33:VII.513.F.3), request that the administrative authority consider whether a public hearing is necessary. If the administrative authority determines that the requests warrant it, a public hearing will be scheduled. If the administrative authority determines that the requests do not raise genuine and pertinent issues, the Office of Environmental Services shall send the person requesting the hearing written notification of the determination. The request for a hearing shall be in writing and shall contain the name and affiliation of the person making the request and the comments in support of or in objection to the issuance of a permit.

6. Public Notice of a Public Hearing. If the administrative authority determines that a hearing is necessary, notices shall be published at least 20 days before a fact-finding hearing in the official journal of the state and in the official journal of the parish where the facility is located. The notice shall be published one time as a single classified advertisement in the legal or public notices section of the official journal of the parish where the facility is located. If the affected area is in the same parish or area as the official journal of the state, a single classified advertisement in the official journal of the state shall be the only public notice required. Those persons on the Office of Environmental Services mailing list for hearings shall be mailed notice of the hearing at least 20 days before a public hearing. A notice shall also be published in the departmental bulletin, if available.

7. Receipt of Comments Following a Public Hearing. Comments received by the Office of Environmental Services until the close of business 30 days after the date of a public hearing shall be reviewed by the Office of Environmental Services.

G. – G.2. ...

3. The applicant shall provide appropriate documentation to the Office of Environmental Services that the proposed use does not violate zoning or other land-use regulations that exist at the time of the submittal of the standard permit application.

H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2518, 2519 (November 2000), amended by the Office of Environmental Assessment, LR 30:2032 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2488 (October 2005), LR 33:1035 (June 2007), LR 33:2143 (October 2007).

§513. Permit Process for Existing Facilities and for Proposed Facilities

A. Applicant Public Notice

1. The prospective applicant shall publish a notice of intent to submit an application for a standard permit. This notice shall be published 1 to 45 days prior to submission of the application to the Office of Environmental Services. This notice shall be published one time as a single classified advertisement in the legal or public notices section of the official journal of this state and in a major local newspaper of general circulation. If the affected area is in the same parish or area as the official journal of the state, a single classified advertisement in the legal or public notices section of the official journal of the state will be the only public notice required.

A.2. – B.1. ...

2. Submittal of Permit Applications

a. Any applicant for a standard permit for existing or proposed processing and disposal facilities shall complete Part I, Part II, and Part III of the standard permit application, following the instructions for the appropriate facility class in LAC 33:VII.519, 521, 522, and 523, and submit six copies to the Office of Environmental Services. Each individual copy of the application shall be a standard three-ring-bound document measuring 8 1/2 by 11 inches. All appendices, references, exhibits, tables, etc., shall be marked with appropriate tabs.

b. ...

c. The completed separate standard permit application for each existing facility shall be submitted to the Office of Environmental Services within 180 days after issuance of the temporary permit.

C. Notices to Parish Governing Authorities. As provided in R.S. 30:2022, upon receipt of a permit application the Office of Environmental Services shall provide written notice on the subject matter to the parish governing authority, which shall promptly notify each parish municipality affected by the application.

D. – D.3. ...

E. Standard Permit Applications Deemed Unacceptable or Deficient

1. Applications deemed unacceptable for technical review will be rejected. For the administrative authority to reconsider the application, the applicant shall resubmit the entire standard permit application to the Office of Environmental Services, including the review fee, by a reasonable due date set by the administrative authority.

E.2. – F.2. ...

3. After the six copies are submitted to the Office of Environmental Services, notices shall be placed in the department's bulletin (if one is available), the official journal of the state, and in a major local newspaper of general circulation. The Office of Environmental Services shall publish a notice of acceptance for review one time as a single classified advertisement in the legal or public notices section of the official journal of the state and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is in the same parish or area as the official journal of the state, a single classified advertisement in the official journal of the state shall be the only public notice required. The notices will solicit comment from interested individuals and groups. Comments received by the administrative authority within 30 days after the date the notice is published in the local newspaper shall be reviewed by the Office of Environmental Services. The notice shall be published in accordance with the sample public notice provided by the Office of Environmental Services. The applicant is responsible for providing the Office of Environmental Services with proof of publication.

G. – G.2. ...

H. Public Notice of Permit Issuance. No later than 10 days following the issuance of a standard permit, the permit holder shall publish a notice of the issuance of the standard permit. This notice shall be published in the official journal of the state and in a major local newspaper of general circulation. The notice shall be published one time as a single classified advertisement in the legal or public notices section of the official journal of the state, and one time as a classified advertisement in the legal or public notices section of a major local newspaper of general circulation. If the affected area is in the same parish or area as the official journal of the state, a single classified advertisement in the official journal of the state shall be the only public notice required. The notice shall be published in accordance with the sample public notice provided by the Office of Environmental Services. The applicant is responsible for providing the Office of Environmental Services with proof of publication.

I. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2519 (November 2000), amended by the Office of Environmental Assessment, LR 30:2032 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2488 (October 2005), LR 33:1037 (June 2007), LR 33:2143 (October 2007).

Subchapter C. Permit System for Facilities Classified for Upgrade or Closure

§515. Permit Process for Existing Facilities Classified for Closure

A. Closure Plan Review and Evaluation. LAC 33:VII.403 and Chapters 7 and 8 establish the criteria used by the Office of Environmental Services in evaluating closure plans.

B. Submittal of Closure Plans

1. Permit holders for facilities classified for closure shall submit to the Office of Environmental Services four bound copies of a closure plan within 60 days after issuance of the temporary permit for the facility. Each individual copy of the plan shall be a standard three-ring-bound document measuring 8 1/2 by 11 inches. All appendices, references, exhibits, tables, etc., shall be marked with appropriate tabs.

2. – 3. ...

C. Closure Plans Determined Unacceptable or Deficient

1. Closure plans that are determined unacceptable for a technical review will be rejected. The permit holder shall be required to resubmit the entire application to the Office of Environmental Services, including the review fee, by a date set by the administrative authority.

2. ...

D. Closure Plans Deemed Technically Complete. Closure plans that have been deemed technically complete shall be approved. Within 30 days after receipt of closure plan approval, the permit holder shall submit to the Office of Environmental Services three copies of the closure plan that incorporate all revisions made during the closure plan review process. Additional copies will be required if deemed necessary by the administrative authority. Each copy shall be provided as a standard three-ring-bound document measuring 8 1/2 by 11 inches, and shall include appropriate tabbing for all appendices, figures, etc. Closure plans shall incorporate revisions made during the review process.

Closure plans that present revisions made during the review process as a separate supplement to the closure plan shall not be accepted.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2520 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2489 (October 2005), LR 33:1038 (June 2007), LR 33:2144 (October 2007).

§517. Modifications of Permits and Other Authorizations to Operate

A. Modification Requests

1. The permit holder shall notify the Office of Environmental Services, in advance, of any change in a facility or deviation from a permit. Such notification shall detail the proposed modification and shall include an assessment of the effects of the modification on the environment and/or the operation. Modification details shall include, but not be limited to, a summary detailing the modification request and all appropriate drawings, narratives, etc., which shall illustrate and describe the originally-permitted representations and the proposed modifications thereto. New language requested in the permit narrative and existing language requested to be deleted from the permit narrative shall be identified therein.

a. Initially, six copies of all modification requests shall be provided to the Office of Environmental Services. Each individual copy of the document shall be 8 1/2 by 11 inches and shall be bound in a standard three-ring binder. The modification shall incorporate, in the appropriate sections, all required plans, narratives, and revisions made during the review process and shall include appropriate tabbing, if applicable, for all appendices, figures, etc.

b. ...

2. All notifications of proposed changes in ownership of a permit for a facility are the responsibility of the permittee and shall include the following, to be submitted to the Office of Environmental Services:

A.2.a. – B.1.j. ...

2. Permit modifications that require public notice and that have been determined by the Office of Environmental Services to be technically complete will be accepted for public review. When the permit modification is accepted for public review, the administrative authority shall request an additional six copies, or more if necessary. The copies will be distributed for public review as follows:

a. three copies to the Office of Environmental Services in Baton Rouge;

b. – d. ...

3. After distribution of the permit modification, a notice shall be published by the department in the official journal of the state and in the official journal of the parish where the facility is located. The notice shall be published one time as a single classified advertisement in the legal or public notices section of the official journal of the state, one time as a classified advertisement in the legal or public notices section of the official journal of the parish where the facility is located, and one time in the department's bulletin. The cost of the publication shall be borne by the applicant. If the affected area is in the same parish or area as the official journal of the state, a single classified advertisement in the official journal of the state shall be the only public notice required. The notice shall solicit comments from interested individuals and groups. Comments delivered or received within 30 days after the date the notices are published shall be reviewed by the Office of Environmental Services. The notice shall be published in accordance with a sample public notice provided by the Office of Environmental Services.

B.4. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2014.2.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2520 (November 2000), amended by the Office of Environmental Assessment, LR 30:2033 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2430, 2490 (October 2005), LR 33:1039 (June 2007), LR 33:2145 (October 2007).

Subchapter D. Permit Application

§519. Part I: Permit Application Form

A. The applicant shall complete a standard permit application Part I Form obtained from the Office of Environmental Services or the department's website. The form requires the following information:

1. – 18. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, Legal Affairs Division, LR 33:1040 (June 2007), LR 33:2145 (October 2007).

Chapter 7. Solid Waste Standards

Subchapter A. Landfills, Surface Impoundments, Landfarms

§711. Standards Governing Landfills (Type I and II)

A. – B.6.d. ...

C. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in wet-weight tons per

year, or for landfarms, expressed in both wet- and dry-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. The annual disposer's report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal during the annual-reporting period and to determine remaining capacity shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. – 3.a. ...

b. Facilities receiving residential and commercial solid waste shall have the numbers and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

D. – D.3.a.i. ...

ii. The permit holder or applicant subject to air-monitoring requirements shall submit to the Office of Environmental Services a comprehensive air-monitoring plan that will limit methane gas levels to less than the lower-explosive limits at the facility boundary and to 25 percent of the lower-explosive limits in facility buildings.

ii.(a). – iii.(a). ...

(b). within 30 days of detection, submit a remediation plan to the Office of Environmental Services for the methane gas releases. The plan shall describe the nature and extent of the problems and the proposed remedy and shall include an implementation schedule. The plan shall be implemented within 60 days of detection.

a.iv. – c.i. ...

ii. A schedule of the type and frequency of vector control measures to be used shall be submitted to the Office of Environmental Services for approval in the operational plan.

3.d. – 5.c. ...

6. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph D.6.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – e. ...

E. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 3.a.ii. ...

iii. The Office of Environmental Services shall be notified after the final cover is applied.

a.iv. – c. ...

d. The permit holder shall update the parish mortgage and conveyance records by recording the specific location of the facility and specifying that the property was used for the disposal of solid waste. The document shall identify the name and address of the person with knowledge of the contents of the facility. An example of the form to be used for this purpose is provided in LAC 33:VII.3011.Appendix F. The facility shall provide the Office of Environmental Services with a true copy of the document filed and certified by the parish clerk of court.

4. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

F. Facility Post-Closure Requirements

1. The post-closure period begins when the Office of Environmental Services approves closure. The length of the post-closure care period for landfills may be:

1.a. – 3. ...

a. maintaining the integrity and effectiveness of the final cover (including making repairs to the cover as necessary to correct the effects of settling, subsidence, erosion, or other events), preventing run-on and runoff from eroding or otherwise damaging the final cover; and providing annual reports to the Office of Environmental Services on the integrity of the final cap (The Office of Environmental Compliance shall be notified of any problems and corrective action measures associated with the integrity and effectiveness of the final cover.);

b. – d. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 19:1143 (September 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2523 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2024 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2492 (October 2005), LR 33:1047 (June 2007), LR 33:2145 (October 2007).

§713. Standards Governing Surface Impoundments (Type I and II)

A. – B.4.d. ...

C. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. If applicable, the annual disposer's report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal and to determine remaining capacity during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. – 3.a. ...

b. Facilities receiving residential and commercial solid waste shall have the numbers and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

D. – D.3.a.i. ...

ii. The permit holder or applicant subject to air-monitoring requirements shall submit to the Office of Environmental Services a comprehensive air-monitoring plan that will limit methane gas levels to less than the lower-explosive limits at the facility boundary and to 25 percent of the lower-explosive limits in facility buildings.

ii.(a). – iii.(a). ...

(b). within 30 days of detection, submit a remediation plan for the methane gas releases to the Office of Environmental Services. The plan shall describe the nature and extent of the problem and the proposed remedy, and shall include an implementation schedule. The plan shall be implemented within 60 days of detection.

3.a.iv. – 4. ...

5. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph D.5.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – e. ...

E. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 3.b.ii. ...

iii. sampling and analyses of the uncontaminated soils in the general area of the facility for a determination of background levels using the indicator parameters selected. A diagram showing the location of the area proposed for the background sampling, along with a description of the sampling and testing methods, shall be provided and the Office of Environmental Services shall be notified at least five days prior to any sampling event;

iv. – v. ...

vi. analyses to be sent to the Office of Environmental Services confirming that clean closure has been achieved;

vii. ...

viii. a statement from the permit holder indicating that, after the closure requirements have been met, the permit holder will file a request for a closure inspection with the Office of Environmental Services before backfilling takes place. The administrative authority shall determine whether the facility has been closed properly.

c. – c.i. ...

ii. The Office of Environmental Services shall be notified after the final cover is applied.

3.c.iii. – 5. ...

6. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

F. Facility Post-Closure Requirements

1. The post-closure period begins when the Office of Environmental Services approves closure. The length of the post-closure care period for surface impoundments may be:

1.a. – 2.b. ...

i. maintaining the integrity and effectiveness of the final cover (including making repairs to the cover as necessary to correct the effects of settling, subsidence, erosion, or other events), preventing run-on and runoff from eroding or otherwise damaging the final cover; and providing annual reports to the Office of Environmental Services on the integrity of the final cap;

ii. – iv. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2524 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2493 (October 2005), LR 33:1053 (June 2007), LR 33:2146 (October 2007).

§715. Standards Governing Landfarms (Type I and II)

A. – B.2.b. ...

C. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in wet-weight and dry-weight tons per year) received from in-state generators and from out-of-state generators during the reporting period. The annual disposer's report shall also indicate the estimated remaining permitted capacity at the facility as of the end of the reporting period (expressed in wet-weight tons). All calculations used to determine the amounts of solid waste received for disposal during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

d. – e. ...

f. The following reports shall be submitted to the Office of Environmental Services:

i. ...

ii. annual reports of the analysis of all test results on the soils, land-use, and crop information, calculated amounts of waste applied per acre, total amounts of nitrogen applied per acre, and cumulative-metals loading. Annual reports shall be submitted to the Office of Environmental Services for a minimum of three years for Type II landfarms and 10 years for Type I landfarms after closure and shall contain analyses of all test results of the soils. The post-closure monitoring annual reporting may be reduced for certain types of landfarms if the permit holder demonstrates to the administrative authority's satisfaction that such a change is warranted.

2. – 3.a. ...

b. Facilities receiving residential and commercial solid waste shall have the numbers and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

D. – D.4. ...

5. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph D.5.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – e. ...

E. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

a. – c. ...

2. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder. The permit holder shall

submit a request for the release of this fund to the Office of Management and Finance.

3. – 3.e. ...

F. Facility Post-Closure Requirements

1. The post-closure period begins when the Office of Environmental Services approves closure. The length of the post-closure care period for landfarms may be:

1.a. – 3.a. ...

b. Annual reports shall be submitted to the Office of Environmental Services for a period of three years after closure and shall contain results of analyses of all soil/waste.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), repromulgated LR 19:1316 (October 1993), amended by the Office of the Secretary, LR 24:2251 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2525 (November 2000), repromulgated LR 27:704 (May 2001), amended LR 30:1676 (August 2004), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2493 (October 2005), LR 33:1058 (June 2007), LR 33:2147 (October 2007).

Subchapter B. Solid Waste Processors

§717. Standards Governing All Type I-A and II-A Solid Waste Processors

A. – D.1. ...

2. A design for surfacing natural soils that do not meet the requirement in Paragraph D.1 of this Section shall be prepared and installed under the supervision of a professional engineer, licensed in the state of Louisiana, with expertise in geotechnical engineering and hydrogeology. Written certification by the engineer that the surface satisfies the requirements of Paragraph D.1 of this Section shall be provided to the Office of Environmental Services.

D.3. – E.2.b. ...

F. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in both dry- and wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. – 3.a. ...

b. Facilities receiving residential and commercial solid waste shall have the numbers and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

G. – G.3.h.i ...

ii. Testing. Testing procedures, schedules, and methods shall be submitted to the Office of Environmental Services for review and approval before disposal operations begin. Disposal of ash shall be only in a permitted Type I facility. Processing of ash shall be only in a permitted Type I-A facility.

4. ...

5. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph G.5.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

G.5.c. – H.2. ...

I. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 2.b. ...

c. The permit holder shall verify that the underlying soils have not been contaminated due to the operation of the facility. If contamination exists, a remediation/removal program developed to meet the standards of LAC 33:VII.713.E.3-6 shall be provided to the administrative authority. The Office of Environmental Services shall conduct a closure inspection to verify that the facility was closed in accordance with the approved closure plan.

3. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the

closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2526, 2610 (November 2000), repromulgated LR 27:704 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2494 (October 2005), LR 33:1061 (June 2007), LR 33:2148 (October 2007).

Subchapter C. Minor Processing and Disposal Facilities

§719. Standards Governing All Type III Processing and Disposal Facilities [Formerly some of the provisions in Subsections A, B, and E existed in §521.]

A. – B.4. ...

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph B.4 of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

B.5. – D.1. ...

2. A design for surfacing natural soils that do not meet the requirement in Paragraph D.l of this Section shall be prepared and installed under the supervision of a professional engineer, licensed in the state of Louisiana, with expertise in geotechnical engineering and hydrogeology. Written certification by the engineer that the surface satisfies the requirements of Paragraph D.l of this Section shall be provided to the Office of Environmental Services.

D.3. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2527 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2495 (October 2005), LR 33:1065 (June 2007), LR 33:2149 (October 2007).

§721. Standards Governing Construction and Demolition Debris and Woodwaste Landfills (Type III)

A. – A.3.b. ...

B. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in both dry- and wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing or disposal during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. – 3.a. ...

b. Type III facilities receiving construction and demolition debris and woodwaste shall have the numbers and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators. The requirements of this Subparagraph are not applicable to facilities meeting the criteria of LAC 33:VII.305.A.4.

C. – C.4. ...

5. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph C.5.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – d. ...

D. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in

writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 2.f. ...

3. Closure Requirements

a. Final Cover

i. Final cover shall consist of a minimum of 24 inches of silty clays and 6 inches of topsoil cover for supporting vegetative growth; however, other covers that provide a more practical answer and satisfy the purposes of minimizing fire hazards, odors, vector food and harborage, and infiltration of precipitation, as well as discouraging scavenging and limiting erosion, may be submitted to the Office of Environmental Services for approval.

ii. ...

iii. The Office of Environmental Services shall be notified prior to planting a ground cover, and the permit holder shall notify the Office of Environmental Services once the ground cover is established.

iv. Quality-assurance/quality-control procedures shall be developed and implemented to ensure that the final cover is designed, constructed, and installed properly. An engineering certification verifying that the facility meets the final cover requirements shall be prepared under the supervision of a professional engineer licensed in the state of Louisiana. This certification shall be submitted to the Office of Environmental Services for approval.

a.v. – b. ...

c. The permit holder shall update the parish mortgage and conveyance records by recording the specific location of the facility and specifying that the property was used for the disposal of solid waste. The document shall identify the name and address of the person with knowledge of the contents of the facility. An example of the form to be used for this purpose is provided in LAC 33:VII.3011.Appendix F. The facility shall provide the Office of Environmental Services with a true copy of the document filed and certified by the parish clerk of court.

4. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority may release the closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

E. Facility Post-Closure Requirements

1. The post-closure period begins when the Office of Environmental Services approves closure. The time frame of post-closure care may be lengthened, if necessary, to protect human health or the environment in accordance with LAC 33:I.Chapter 13.

2. The integrity of the grade and cap shall be maintained for no less than three years after the date of the administrative authority's approval of the closure of the facility. The Office of Environmental Services shall be notified of any problems and corrective action measures associated with the integrity and effectiveness of the final cover.

3. Annual reports concerning the integrity of the cap shall be submitted to the Office of Environmental Services for a period of three years after closure.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2527 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004), LR 31:1577 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2495 (October 2005), LR 33:1067 (June 2007), LR 33:2149 (October 2007).

§723. Standards Governing Composting Facilities

A. – B. ...

C. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in both dry- and wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. – 3.a. ...

b. Type III facilities receiving solid waste for composting shall have the number and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

D. – D.5.c. ...

6. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and

filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated and submitted annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph D.6.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – d. ...

E. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 2.b ...

c. The permit holder shall verify that the underlying soils have not been contaminated in the operation of the facility. If contamination exists, a remediation/removal program developed to meet the standards of LAC 33:VII.713.E.4 and 6 shall be provided to the Office of Environmental Services. The Office of Environmental Services shall conduct a closure inspection to verify that the facility was closed in accordance with the approved closure plan.

3. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2528 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2025 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2496 (October 2005), LR 33:1069 (June 2007), LR 33:2150 (October 2007).

§725. Standards Governing Separation and Woodwaste Processing Facilities (Type III)

A. – A.2.b. ...

B. Facility Administrative Procedures

1. Reports

a. The permit holder shall submit annual reports to the Office of Management and Finance indicating quantities and types of solid waste (expressed in both dry- and wet-weight tons per year), received from in-state generators and from out-of-state generators, during the reporting period. All calculations used to determine the amounts of solid waste received for processing during the annual-reporting period shall be submitted to the Office of Management and Finance. A form to be used for this purpose shall be obtained from the Office of Management and Finance or through the department's website.

b. ...

c. Annual reports shall be submitted to the Office of Management and Finance by August l of each reporting year.

1.d. –2.a. ...

b. The permit holder shall maintain records of transporters transporting waste for processing at the facility. The records shall include the date of receipt of shipments of waste and the transporter's solid waste identification number issued by the Office of Environmental Services.

2.c. – 3. ...

4. Type III facilities receiving solid waste for processing shall have the number and levels of certified operators employed at the facility as required by the department in accordance with LAC 46:XXIII. Operator certificates shall be prominently displayed at the facility. The Board of Certification and Training for Solid Waste Disposal System Operators and the Office of Environmental Services shall be notified within 30 days of any changes in the employment status of certified operators.

C. – C.4. ...

5. Facility Operations, Emergency Procedures, and Contingency Plans

a. A plan outlining facility operations and emergency procedures to be followed in case of accident, fire, explosion, or other emergencies shall be developed and filed with the Office of Environmental Services and with the local fire department and the closest hospital or clinic. The plans shall be updated annually or when implementation demonstrates that a revision is needed.

b. Training sessions concerning the procedures outlined in Subparagraph C.5.a of this Section shall be conducted annually for all employees working at the facility. A copy of the training program shall be filed with the Office of Environmental Services.

c. – d. ...

D. Facility Closure Requirements

1. Notification of Intent to Close a Facility. All permit holders shall notify the Office of Environmental Services in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

1.a. – 2.b. ...

c. The permit holder shall verify that the underlying soils have not been contaminated from the operation of the

facility. If contamination exists, a remediation/removal program developed to meet the standards of LAC 33:VII.713.E.4 and 6 shall be provided to the Office of Environmental Services. The Office of Environmental Compliance shall conduct a closure inspection to verify that the facility was closed in accordance with the approved closure plan.

3. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder. The permit holder shall submit a request for the release of this fund to the Office of Management and Finance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended LR 20:1001 (September 1994), LR 22:280 (April 1996), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2528 (November 2000), repromulgated LR 27:705 (May 2001), amended by the Office of Environmental Assessment, LR 30:2026 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2496 (October 2005), LR 33:1073 (June 2007), LR 33:2151 (October 2007).

Chapter 8. Standards Governing General Facility Geology, Subsurface Characterization, and Facility Groundwater Monitoring for Type I, I-A, II, II-A, and III Facilities [Formerly §709.C-E]

§803. Subsurface Characterization

A. – A.2.a. ...

b. Existing permitted facilities that are planning a lateral and/or vertical expansion or changing the permitted lowest point of excavation within the permitted footprint may submit a work plan to the Office of Environmental Services to demonstrate that an alternative to the geotechnical borehole minimum spacing requirements set forth in Subparagraph A.2.a of this Section will achieve adequate characterization of the subsurface soils and groundwater conditions for the facility. The proposed alternative method shall include a demonstration that the subsurface soils and groundwater conditions have been adequately characterized or shall propose additional actions necessary to achieve adequate characterization. If the department concurs that adequate characterization has been performed, the spacing requirements of Subparagraph A.2.a of this Section may be waived.

c. – d. ...

e. All borings shall be continuously sampled to at least 30 feet below the elevation (NGVD) of the lowest point of excavation (or lowest point of the zone of incorporation, for landfarms), with the use of thin-wall and/or split-spoon devices or similar coring devices. After 30 feet, samples shall be at a maximum of 5-foot intervals. The Office of Environmental Services may approve other forms of boreholes logging on a case-by-case basis and with proper justification.

A.3. – C.2.i ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2154.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1075 (June 2007), amended LR 33:2151 (October 2007).

§805. Facility Groundwater Monitoring

A. – A.3.c.iv.(e). ...

4. Post Construction. Within 90 days after construction of the wells, the permit holder or applicant shall submit to the Office of Environmental Services well-completion details to verify that the wells were constructed according to the approved specifications and to document construction procedures. A permit modification fee will not be required. Well-completion details shall include, but are not limited to:

4.a. – 5.b.iii. ...

iv. The permit holder shall notify the Office of Environmental Services of the plugging and abandonment of monitoring wells or geotechnical borings and keep records of such abandonments.

A.6. – C.1. ...

2. Initial Sampling

a. For a new facility, monitoring wells shall be sampled and the groundwater monitoring data for a sampling event shall be submitted to the Office of Environmental Services before waste is accepted.

b. For an existing facility with no wells in place at the time of the application submittal or at the time at which the facility becomes subject to these regulations, the groundwater monitoring data shall be submitted to the Office of Environmental Services within 90 days after installation of the monitoring wells.

2.c. – 4. ...

5. The permit holder or applicant shall submit three bound copies (8 1/2 by 11 inches) of a report of all groundwater sampling results to the Office of Environmental Services no later than 90 days after each sampling event.

5.a. – 6. ...

a. submit to the Office of Environmental Services:

a.i. – b.i. ...

ii. submit a report to the Office of Environmental Services demonstrating that a source other than the facility being sampled caused the contamination or that the statistically significant increase resulted from an error in sampling, analysis, statistical evaluation, or natural variation

in groundwater quality. If the administrative authority approves this demonstration, in writing, the permit holder may continue the detection monitoring program. If the administrative authority does not approve the demonstration, in writing, the permit holder shall establish an assessment monitoring program meeting the requirements of Subsection D of this Section within 90 days after the determination in this Paragraph is made.

C.7. – D.3.b. ...

4. No later than 90 days after the completion of the initial or subsequent sampling events for all assessment monitoring parameters or constituents required in Paragraph D.3 of this Section, the permit holder shall submit a report to the Office of Environmental Services, identifying the assessment monitoring parameters or constituents that have been detected. No later than 180 days after completion of the initial or subsequent sampling events for all assessment monitoring parameters or constituents required in Paragraph D.3 of this Section, the permit holder shall:

a. – c. ...

5. If the concentrations of all assessment monitoring parameters or constituents are shown to be at or below background values, using the statistical procedures in Paragraph B.6 of this Section or other EPA-approved methods for comparison to a fixed limit (such as an MCL), for two consecutive sampling events, the permit holder shall notify the Office of Environmental Services and, upon written approval of the administrative authority, may return to detection monitoring.

6. If the concentrations of any assessment monitoring parameters or constituents are above background values, but all concentrations are below the groundwater protection standard established under Paragraph D.8 of this Section, using the statistical procedures in Paragraph B.6 of this Section or other EPA-approved methods for comparison to a fixed limit (such as an MCL), the permit holder will be placed in assessment monitoring for the life of the facility or until the assessment monitoring parameters are below the established background values. As part of the corrective action development, the permit holder shall submit a work plan for approval to the Office of Environmental Services.

a. – a.v. ...

b. The Office of Environmental Services may request additional information based on the data submitted in the work plan.

7. If one or more assessment monitoring parameters or constituents are detected at statistically significant levels above the groundwater protection standard established in Paragraph D.8 of this Section, in any sampling event, using the statistical procedures in Paragraph B.6 of this Section or other EPA-approved methods for comparison to a fixed limit (such as an MCL), the permit holder shall, within 14 days of the determination, notify all appropriate local government officials and submit a report to the Office of Environmental Services identifying the assessment monitoring parameters or constituents that have exceeded the groundwater protection standard. The permit holder shall comply with one of the following requirements.

a. ...

i. within 90 days after the determination is made, submit four bound copies (8 1/2 x 11 inches) of an assessment plan to the Office of Environmental Services, as well as any necessary permit modification, that provides for:

i.(a). – iv. ...

b. If the facility being sampled did not cause the contamination, the permit holder may submit a report to the Office of Environmental Services demonstrating that a source other than the facility being sampled caused the contamination, or the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. If the administrative authority approves this demonstration in writing, the permit holder shall continue assessment monitoring at the facility in accordance with this Subsection or may return to detection monitoring if the assessment monitoring parameters or constituents are below background as specified in Paragraph D.5 of this Section. Until such a written approval is given, the permit holder shall comply with Subparagraph D.7.a of this Section, including initiating an assessment of corrective action measures.

D.8. – E.4. ...

F. Selection of Remedy and Corrective Action Plan at Type II Landfills and Associated Surface Impoundments

1. Based on the results of the corrective measures assessment required in Subsection E of this Section, the permit holder shall select a remedy that, at a minimum, meets the standards of Paragraph F.2 of this Section. Within 180 days after initiation of the corrective measures assessment required in Subsection E of this Section, the permit holder shall submit four bound copies (8 1/2 by 11 inches) of a corrective action plan to the Office of Environmental Services describing the selected remedy, which will meet the requirements of Paragraphs F.2-4 of this Section and be in accordance with LAC 33:I.Chapter 13. The corrective action plan shall also provide for a corrective action groundwater monitoring program as described in Subparagraph G.1.a of this Section.

F.2. – G.1.b. ...

2. A permit holder may submit a report to the Office of Environmental Services demonstrating, based on information developed after implementation of the corrective action plan has begun or other information, that compliance with requirements of Paragraph F.2 of this Section are not being achieved through the remedy selected. A revised corrective action plan providing other methods or techniques that could practically achieve compliance with the requirements of Paragraph F.2 of this Section shall accompany the demonstration.

3. ...

4. The permit holder may submit a report to the Office of Environmental Services demonstrating that compliance with the requirements of Paragraph F.2 of this Section cannot be achieved with any currently available methods.

5. If the administrative authority approves, in writing, the demonstration submitted in accordance with Paragraph G.4 of this Section, the permit holder shall, within 30 days of the approval, submit a plan to the Office of Environmental Services (which includes an implementation schedule) to implement alternate measures in accordance with LAC 33:I.Chapter 13:

5.a. – 10. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2154.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 24:2250 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2521 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2490 (October 2005), LR 33:1077 (June 2007), LR 33:2152 (October 2007).

Chapter 9. Enforcement

§909. Closing Unauthorized and Promiscuous Dumps

A. – C.2.e. ...

f. record in the parish mortgage and conveyance records a document describing the specific location of the facility and specifying that the property was used for the disposal of solid waste. The document shall identify the name of the person with knowledge of the contents of the facility, as well as providing the chemical levels remaining, if present. A true copy of the document, filed and certified by the parish clerk of court, shall be sent to the Office of Environmental Compliance; and

C.2.g. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq. and specifically 2025, 2039, and 2155.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, LR 24:2252 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2536 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2501 (October 2005), LR 33:1085 (June 2007), LR 33:2153 (October 2007).

Chapter 11. Solid Waste Beneficial Use and Soil Reuse

§1103. On-Site Soil Reuse Requirements

A. – B.1. ...

2. the owner or operator of the property notifies the Office of Environmental Services, in writing, of his intent to reuse soil on-site, and attaches the following to the notification:

B.2.a. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of the Secretary, Legal Affairs Division, LR 33:1086 (June 2007), LR 33:2153 (October 2007).

Chapter 13. Financial Assurance for All Processors and Disposers of Solid Waste [Formerly Chapter 7.Subchapter E]

§1301. Financial Responsibility During Operation [Formerly §727.A.1]

A. ...

1. Type I and II facilities shall maintain liability insurance, or its equivalent, for sudden and accidental occurrences in the amount of $1 million per occurrence and $1 million annual aggregate, per site, exclusive of legal-defense costs, for claims arising from injury to persons or property, owing to the operation of the site. Evidence of this coverage shall be updated annually and provided to the Office of Environmental Services.

2. Type I-A and II-A facilities shall maintain liability insurance, or its equivalent, for sudden and accidental occurrences in the amount of $500,000 per occurrence, and $500,000 annual aggregate, per site, exclusive of legal-defense costs, for claims arising from injury to persons or property, owing to the operation of the site. Evidence of this coverage shall be updated annually and provided to the Office of Environmental Services.

3. Type III facilities shall maintain liability insurance, or its equivalent, for sudden and accidental occurrences in the amount of $250,000 per occurrence, and $250,000 annual aggregate, per site, exclusive of legal-defense costs, for claims arising from injury to persons or property, owing to the operation of the site. Evidence of this coverage shall be updated annually and provided to the Office of Environmental Services.

B. – B.1.a.iii.(c). ...

(d). cancellation of the policy, whether by the insurer or the insured, shall be effective only upon written notice and upon lapse of 60 days after a copy of such written notice is received by the Office of Environmental Services;

(e). any other termination of the policy shall be effective only upon written notice and upon lapse of 30 days after a copy of such written notice is received by the Office of Environmental Services; and

1.a.iii.(f). – 2.c.vi. ...

d. The letter of credit must be irrevocable and issued for a period of at least one year unless, at least 120 days before the current expiration date, the issuing institution notifies both the permit holder and the administrative authority by certified mail of a decision not to

extend the expiration date. Under the terms of the letter of credit, the 120 days shall begin on the date when both the permit holder and the Office of Environmental Services receive the notice, as evidenced by the return receipts.

e. ...

3. Financial Test

a. To meet this test, the applicant, the permit holder, or the parent corporation (corporate guarantor) of the applicant or permit holder must submit to the Office of Environmental Services the documents required by LAC 33:VII.1303 demonstrating that the requirements of that Section have been met. Use of the financial test may be disallowed on the basis of the accessibility of the assets of the permit holder, applicant, or parent corporation (corporate guarantor). If the applicant, permit holder, or parent corporation is using the financial test to demonstrate liability coverage and closure and post-closure care, only one letter from the chief financial officer is required.

3.b. – 4.a.iii. ...

iv. the guarantor agrees that if, at the end of any fiscal year before termination of the guarantee, the guarantor fails to meet the financial test criteria, the guarantor shall send within 90 days, by certified mail, notice to the Office of Environmental Services and to the permit holder or applicant that he intends to provide alternative financial assurance as specified in this Section, in the name of the permit holder or applicant, and that within 120 days after the end of said fiscal year the guarantor shall establish such financial assurance, unless the permit holder or applicant has done so;

v. the guarantor agrees to notify the Office of Environmental Services by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the guarantor as debtor, within 10 days after commencement of the proceeding;

vi. – x. ...

b. A corporate guarantee may be used to satisfy the requirements of this Section only if the attorney general(s) or insurance commissioner(s) of the state in which the guarantor is incorporated, and the state in which the facility covered by the guarantee is located, has submitted a written statement to the Office of Environmental Services that a corporate guarantee is a legally valid and enforceable obligation in that state.

B.4.c. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2521 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1088 (June 2007), amended LR 33:2153 (October 2007).

§1303. Financial Responsibility for Closure and Post-Closure Care [Formerly §727.A.2]

A. – A.1. ...

2. The applicant or permit holder shall submit to the Office of Environmental Services the estimated closure date and the estimated cost of closure and post-closure care in accordance with the following procedures.

a. – b. ...

c. The cost estimates must be adjusted within 30 days after each anniversary of the date on which the first cost estimate was prepared on the basis of either the inflation factor derived from the Annual Implicit Price Deflator for Gross Domestic Product, as published by the U.S. Department of Commerce in its *Survey of Current Business* or a reestimation of the closure and post-closure costs in accordance with Subparagraphs A.2.a and b of this Section. The permit holder or applicant must revise the cost estimate whenever a change in the closure/post-closure plans increases or decreases the cost of the closure/post-closure plans. The permit holder or applicant must submit a written notice of any such adjustment to the Office of Environmental Services within 15 days following such adjustment.

A.2.d. – B.4. ...

C. Trust Funds. A permit holder or applicant may satisfy the requirements of this Section by establishing a closure trust fund that conforms to the following requirements and submitting an originally signed duplicate of the trust agreement to the Office of Environmental Services.

1. – 7. ...

8. After beginning final closure, a permit holder, or any other person authorized by the permit holder to perform closure and/or post-closure, may request reimbursement for closure and/or post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving bills for such activities, the administrative authority will determine whether the closure and/or post-closure expenditures are in accordance with the closure plan or otherwise justified, and, if so, he or she shall instruct the trustee to make reimbursement in such amounts as the administrative authority specifies in writing. If the administrative authority has reason to believe that the cost of closure and/or post-closure will be significantly greater than the value of the trust fund, he may withhold reimbursement for such amounts as he deems prudent until he determines that the permit holder is no longer required to maintain financial assurance.

9. ...

D. Surety Bonds. A permit holder or applicant may satisfy the requirements of this Section by obtaining a surety bond that conforms to the following requirements and submitting the bond to the Office of Environmental Services.

1. – 5. ...

6. Whenever the current cost estimate increases to an amount greater than the penal sum, the permit holder, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure and post-closure estimate and submit evidence of

such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current cost estimate decreases, the penal sum may be reduced to the amount of the current cost estimate following written approval by the administrative authority.

7. – 8. ...

E. Performance Bonds. A permit holder or applicant may satisfy the requirements of this Section by obtaining a surety bond that conforms to the following requirements and submitting the bond to the Office of Environmental Services.

1. – 5. ...

6. Whenever the current closure cost estimate increases to an amount greater than the penal sum, the permit holder, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section. Whenever the current cost estimate decreases, the penal sum may be reduced to the amount of the current cost estimate after written approval of the administrative authority.

7. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the permit holder and to the Office of Environmental Services. Cancellation may not occur before 120 days have elapsed beginning on the date that both the permit holder and the administrative authority receive the notice of cancellation, as evidenced by the return receipts.

8. ...

F. Letter of Credit. A permit holder or applicant may satisfy the requirements of this Section by obtaining an irrevocable standby letter of credit that conforms to the following requirements and submitting the letter to the Office of Environmental Services.

1. – 3.f. ...

4. The letter of credit must be irrevocable and issued for a period of at least one year, unless, at least 120 days before the current expiration date, the issuing institution notifies both the permit holder and the Office of Environmental Services by certified mail of a decision not to extend the expiration date. Under the terms of the letter of credit, the 120 days will begin on the date when both the permit holder and the administrative authority receive the notice, as evidenced by the return receipts.

5. ...

6. Whenever the current cost estimates increase to an amount greater than the amount of the credit, the permit holder, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current cost estimate decreases, the amount of the credit may be reduced to the amount of the current closure and post-closure cost estimates upon written approval of the administrative authority.

7. – 8. ...

G. Insurance. A permit holder or applicant may satisfy the requirements of this Section by obtaining insurance that conforms to the following requirements and submitting a certificate of such insurance to the Office of Environmental Services.

1. – 4. ...

5. After beginning final closure, a permit holder or any other person authorized by the permit holder to perform closure or post-closure may request reimbursement for closure or post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving such bills, the administrative authority will determine whether the expenditures are in accordance with the closure plan or otherwise justified, and if so, he or she shall instruct the insurer to make reimbursement in such amounts as the administrative authority specifies in writing.

6. – 7. ...

8. The policy must provide that the insurer may not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy must, at a minimum, provide the insured with the option of renewal at the face amount of the expiring policy. If there is a failure to pay the premium, the insurer may elect to cancel, terminate, or fail to renew the policy by sending notice by certified mail to the permit holder and the Office of Environmental Services. Cancellation, termination, or failure to renew may not occur, however, before 120 days have elapsed, beginning on the date that both the administrative authority and the permit holder receive notice of cancellation, as evidenced by the return receipts. Cancellation, termination, or failure to renew may not occur, and the policy will remain in full force and effect in the event that, on or before the date of expiration:

a. – e. ...

9. Whenever the current cost estimate increases to an amount greater than the face amount of the policy, the permit holder, within 60 days after the increase, must either increase the face amount to at least equal to the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current cost estimate decreases, the face amount may be reduced to the amount of the current closure and post-closure cost estimates following written approval by the administrative authority.

G.10. – H.1.b.iii. ...

2. To demonstrate that he or she meets this test, the permit holder, applicant, or parent corporation of the permit

holder or applicant must submit the following three items to the Office of Environmental Services:

2.a. – 3. ...

4. The permit holder, applicant, or parent corporation (if a corporate guarantor) of the permit holder or applicant shall provide to the Office of Environmental Services a letter from the chief financial officer, the wording of which shall be identical to the wording in LAC 33:VII.1399.Appendix I, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted. The letter shall certify the following information:

4.a. – 6. ...

7. After initial submission of the items specified in Paragraph H.2 of this Section, the permit holder, applicant, or parent corporation of the permit holder or applicant must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must include all three items specified in Paragraph H.2 and the adjusted item specified in Subparagraph A.2.c of this Section.

8. – 9.d. ...

e. the guarantor agrees that if, at the end of any fiscal year before termination of the guarantee, the guarantor fails to meet the financial test criteria, the guarantor shall send within 90 days after the end of the fiscal year, by certified mail, notice to the Office of Environmental Services and to the permit holder or applicant that he intends to provide alternative financial assurance as specified in this Section, in the name of the permit holder or applicant, and that within 120 days after the end of such fiscal year, the guarantor shall establish such financial assurance unless the permit holder or applicant has done so;

f. the guarantor agrees to notify the Office of Environmental Services by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the guarantor as debtor, within 10 days after commencement of the proceeding;

g. – h. ...

i. the guarantor agrees to remain bound under the guarantee for as long as the permit holder must comply with the applicable financial assurance requirements of this Section, except that the guarantor may cancel this guarantee by sending notice by certified mail to the Office of Environmental Services and the permit holder or applicant. The cancellation will become effective no earlier than 90 days after receipt of such notice by both the administrative authority and the permit holder or applicant, as evidenced by the return receipts;

H.9.j. – I.3.d.ii. ...

e. A local government must satisfy the requirements of the financial test at the close of each fiscal year. If the local government owner or operator no longer meets the requirements of the local government financial test, it must, within 210 days following the close of the owner or operator's fiscal year, obtain alternative financial assurance that meets the requirements of this Section, place the required submissions for that assurance in the operating record, and notify the Office of Environmental Services that the owner or operator no longer meets the criteria of the financial test and that alternate assurance has been obtained.

I.3.f. – J.1.a.ii. ...

b. the guarantee will remain in force unless the guarantor sends notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts; and

c. if a guarantee is canceled, the owner or operator must, within 90 days following receipt of the cancellation notice by the owner or operator and the administrative authority, obtain alternate financial assurance, place evidence of that alternate financial assurance in the facility operating record, and notify the Office of Environmental Services. If the owner or operator fails to provide alternate financial assurance within the 90-day period, then the owner or operator must provide that alternate assurance within 120 days following the guarantor's notice of cancellation, place evidence of the alternate assurance in the facility operating record, and notify the Office of Environmental Services.

2. – 2.b.ii. ...

c. If a local government guarantor no longer meets the requirements of Subsection I of this Section, the owner or operator must, within 90 days, obtain alternate assurance, place evidence of the alternate assurance in the facility operating record, and notify the Office of Environmental Services. If the owner or operator fails to obtain alternate financial assurance within that 90-day period, the guarantor must provide that alternate assurance within the next 30 days.

K. – L. ...

1. the administrative authority determines that cost estimates are complete and accurate and the owner or operator has submitted a statement from a professional engineer to the Office of Environmental Services so stating;

2. – 4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2522 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1090 (June 2007), amended LR 33:2154 (October 2007).

§1305. Financial Responsibility for Corrective Action for Type II Landfills [Formerly §727.B]

A. A permit holder of a Type II landfill required to undertake a corrective action program under LAC 33:VII.805 must provide to the Office of Environmental Services a detailed written estimate, in current dollars, of the

cost of hiring a third party to perform the corrective action in accordance with the program required under LAC 33:VII.805. The corrective action cost estimate must account for the total costs of corrective action activities as described in the corrective action plan for the entire corrective action period.

1. The permit holder must provide an annual adjustment of the estimate for inflation to the Office of Environmental Services until the corrective action program is completed in accordance with LAC 33:VII.805.

2. The permit holder must provide an increased corrective action cost estimate to the Office of Environmental Services and the amount of financial assurance provided under Subsection B of this Section if changes in the corrective action program or landfill conditions increase the maximum costs of corrective action.

3. Subject to approval of the administrative authority, the permit holder shall provide a reduced corrective action cost estimate to the Office of Environmental Services and the amount of financial assurance provided under Subsection B of this Section if the cost estimate exceeds the maximum remaining costs of corrective action. The permit holder must provide the Office of Environmental Services justification for the reduction of the corrective action cost estimate and the revised amount of financial assurance.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2524 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:1098 (June 2007), amended LR 33:2156 (October 2007).

Chapter 14. Statewide Beautification [Formerly Chapter 13]

§1403. Definitions [Formerly §1303]

A. ...

* * *

Section—Repealed.

AUTHORITY NOTE: Promulgated in accordance with R. S. 30:2522 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2610 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2501 (October 2005), repromulgated LR 33:1107 (June 2007), amended LR 33:2157 (October 2007).

§1405. Louisiana Litter Abatement Program [Formerly §1305]

A. – B.2. ...

3. All requests for awards shall be made in writing, on a form provided by the department, to the Office of Environmental Services.

4. – 5. ...

6. Awards shall be awarded based on a comparative basis as determined by the Office of Environmental Services.

AUTHORITY NOTE: Promulgated in accordance with R. S. 30:2524 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2610 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), repromulgated LR 33:1107 (June 2007), amended LR 33:2157 (October 2007).

Chapter 30. Appendices

§3001. Public Notice Example—Appendix A

A. The following is an example of a public notice to be placed in the local newspaper for intention to submit a permit application to the Office of Environmental Services for existing/proposed solid waste facilities.

PUBLIC NOTICE
OF
INTENT TO SUBMIT PERMIT APPLICATION
[NAME OF APPLICANT/FACILITY]
FACILITY [location], PARISH [location], LOUISIANA

Notice is hereby given that [name of applicant] does intend to submit to the Department of Environmental Quality, Office of Environmental Services, [insert division name], an application for a permit to operate a [type of solid waste facility] in [parish name], Range__, Township__, Section__, which is approximately [identify the physical location of the site by direction and distance from the nearest town].

Comments concerning the facility may be filed with the secretary of the Louisiana Department of Environmental Quality at the following address:

Louisiana Department of Environmental Quality

Office of Environmental Services

[insert division name]

Post Office Box 4313

Baton Rouge, Louisiana 70821-4313

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 19:187 (February 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2536 (November 2000), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), LR 33:1109 (June 2007), LR 33:2157 (October 2007).

Subpart 2. Recycling

Chapter 103. Recycling and Waste Reduction Rules

§10307. Development of Local Plan

A. – A.2.a. ...

b. an annual progress report must be submitted to the Office of Environmental Services no later than December 31 of each year after submittal and approval.

A.3. – C.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:35 (January 1992), repromulgated LR 18:164 (February 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2537 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), LR 33:2157 (October 2007).

Chapter 104. Credit for New Recycling Manufacturing or Process Equipment and/or Service Contracts

§10401. Authority

A. These regulations are hereby established by the Department of Environmental Quality (DEQ) in consultation with the Louisiana Department of Revenue (LDR) as mandated by Act 319 of the 2005 Regular Session of the Louisiana Legislature. These regulations are to establish technical specifications and certification requirements for the qualification of new recycling manufacturing or process equipment and/or service contracts for the credit against income and corporate franchise taxes provided by R.S. 47:6005.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:841 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2631 (December 2007).

§10403. Applicability

A. These regulations apply to taxpayers who purchase *qualified new recycling manufacturing or process equipment* and/or *qualified service contracts*, as defined in LAC 33:VII.10405 and R.S. 47:6005, and who apply for tax credit pursuant to R.S. 47:6005.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:841 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2631 (December 2007).

§10405. Definitions

A. For the purpose of this Chapter the terms below shall have the meaning specified herein as follows.

Beneficial Use—the use of waste material for some profitable purpose (e.g., incorporating sludge into soil to amend the soil). Avoidance of processing or disposal cost alone does not constitute beneficial use.

Conventional Disposal—the disposal as waste in a cell at a landfill. It shall not include any application specifically approved by the department as a beneficial use (e.g., alternate daily cover).

Industrial Solid Waste—solid waste generated by a manufacturing, industrial, or mining process, or which is contaminated by solid waste generated by such a process. Such waste may include, but is not limited to, waste resulting from the following manufacturing processes: electric power generation; fertilizer/agricultural chemicals; food and related products; byproducts; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; and transportation equipment. This term shall not include hazardous waste regulated under the Louisiana hazardous waste regulations or under federal law, or waste which is subject to regulation under the Office of Conservation's Statewide Order No. 29-B or by other agencies.

* * *

Process—a method or technique, including recycling, recovering, compacting (but not including compacting that occurs solely within a transportation vehicle), composting, incinerating, shredding, baling, recovering resources, pyrolyzing, or any other method or technique designed to change the physical, chemical, or biological character or composition of a solid waste to render it safer for transport, reduced in volume, or amenable for recovery, storage, reshipment, or resale. The definition of *process* shall not include treatment of wastewaters to meet state or federal wastewater discharge permit limits. Neither shall the definition include activities of an industrial generator to simply separate wastes from the manufacturing process.

Qualified New Recycling Manufacturing or Process Equipment—new machinery or new apparatus used exclusively to process post-consumer waste material, recovered material, or both, and manufacturing machinery used exclusively to produce finished products, the composition of which is at least 50 percent post-consumer waste material, recovered material, or both. For purposes of this Chapter, *qualified new recycling manufacturing or process equipment* shall not include vehicles, structures, machinery, equipment, or devices used to store or incinerate waste material, or construction equipment or farm equipment used in the process.

Qualified Recycling Equipment—repealed.

Qualified Service Contract—any service contract utilized by a nonhazardous industrial waste generator or a nonhazardous industrial waste beneficial user to implement Department of Environmental Quality-approved beneficial use programs for nonhazardous industrial waste streams as defined under the department's solid waste rules and regulations so as to avoid conventional disposal of such waste in a landfill.

Recovered Material—recovered materials as defined in R.S. 30:2412 and which would otherwise be processed or disposed of as nonhazardous solid waste.

* * *

Solid Waste—any garbage, refuse, or sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility, and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities. *Solid waste* shall not include solid or dissolved material in domestic sewage; solid or dissolved materials in irrigation-return flows; industrial discharges that are point sources subject to permits under R.S. 30:2075; source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (68 Stat. 923 et seq.), as amended; or hazardous waste subject to permits under R.S. 30:2171 et seq.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:841 (August 1992), repromulgated LR 18:960 (September 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2631 (December 2007).

§10407. Technical Specifications for Qualified New Recycling Manufacturing or Process Equipment and/or Service Contracts

A. In order to qualify for certification as qualified new recycling manufacturing or process equipment and/or a qualified service contract, the equipment and/or service contract must utilize new apparatus used exclusively to process post-consumer waste material and/or involve the processing of post-consumer waste material in a Department of Environmental Quality-approved beneficial use program for nonhazardous industrial solid waste and meet the following requirements:

1. be new machinery or new apparatus used exclusively to process post-consumer waste material, recovered material, or both; or

2. be new manufacturing machinery used exclusively to produce finished products, the composition of which is at least 50 percent post-consumer waste material, recovered material, or both; and/or

3. be a service contract associated with the construction and/or operation of new recycling manufacturing or process equipment implementing a Department of Environmental Quality-approved beneficial use program for industrial solid waste; and/or

4. be new parts required to allow recycling manufacturing to continue for equipment that is a part of a previously-approved certification under these regulations; and

5. be used exclusively in the state of Louisiana.

B. The following categories of equipment, and any associated service contracts, will be excluded from certification as qualified new recycling manufacturing or process equipment and/or qualified service contracts:

1. a *vehicle*, as defined in LAC 33:VII.10405, or any service contract associated with the vehicle;

2. structures, machinery, equipment, or devices, or any service contract associated with the structures, machinery, equipment, or devices, used to store or incinerate waste materials; and

3. used equipment, or any service contract associated with the used equipment.

C. The DEQ shall determine the costs to obtain and construct the qualified equipment, as well as the reasonable amount of the associated qualified service contract, that may be allowed for the credit. When the equipment is built from components and assembled at the installation site or a site separate from the installation site, and subsequently transported and installed at the installation site, the costs of the components, the costs to assemble the components, and the costs to install the components shall be considered the allowed costs. In addition, any qualified service contract necessary to carry out the assembly, transportation, or installation of the qualified equipment shall be considered allowed costs.

D. The costs of materials, labor, and qualified service contracts associated with the project, used to construct a building or other structure necessary to support the equipment or to protect the equipment and operators from the elements while they operate the equipment shall be allowed costs, provided that the building or structure is used exclusively in connection with the recycling operations.

E. Under no circumstances shall any of the following be considered allowed costs:

1. financial charges;

2. the costs of acquiring land or rights in land, including any service contract associated with the costs of acquiring land or rights in land, and any costs incidental thereto, including recording fees; and

3. the costs to construct a building or structure, including any service contract associated with the construction of the building or structure, to store raw material or finished products.

F. The DEQ shall determine the costs to obtain and utilize a service contract by nonhazardous industrial waste generators or nonhazardous industrial waste beneficial users. Beneficial use programs for nonhazardous industrial waste streams shall be defined according to the DEQ's solid waste rules and regulations.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:841 (August 1992), amended LR 24:27 (January 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2632 (December 2007).

§10409. Application Requirements

A. Application Form for Equipment and Qualified Service Contracts

1. In order to qualify for the tax credit provided for in this Chapter, the taxpayer shall apply for certification from the Secretary of the Department of Environmental Quality that the new recycling manufacturing or process equipment purchased, and any associated service contract, is *qualified new recycling manufacturing and process equipment* or a *qualified service contract* as defined in LAC 33:VII.10405 and the equipment or service contract will be used or rendered exclusively in the state of Louisiana.

2. In addition to information provided on the application form, the DEQ may require and the applicant shall provide cost estimates, engineering drawings, specifications sheets, and any other documents necessary to establish with sufficient specificity the equipment and/or associated service contract qualifying for the tax credit.

3. In addition to information provided on the application form, the DEQ may require and the applicant shall provide such documentation as may be necessary to establish with sufficient specificity that the post-consumer waste material or recovered material proposed to be recycled is a nonhazardous solid waste under applicable state and federal law and regulations.

4. In addition, the DEQ may request documentation, in the form of bid amounts or other documentation, that a qualified service contract is for a reasonable amount and that the qualified service contract complies with all existing State of Louisiana Code of Ethics provisions, or otherwise complies with all applicable state and federal law and regulations.

B. The applicant must report final costs of recycling equipment purchases and qualified service contracts to the LDR and the DEQ. Audits will be performed by the LDR and the DEQ as necessary.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:841 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2632 (December 2007).

§10411. Applicant Certification

A. Included with the application for certification shall be a statement acknowledging that the applicant shall use a good faith effort to utilize post-consumer waste material or recovered material, or has used the equipment or services contracted for to implement a Department of Environmental Quality-approved beneficial use program for a nonhazardous industrial waste stream, which was generated within the state of Louisiana or was destined to be land-filled within the state.

B. The applicant shall certify to the accuracy of the information contained in the application regarding the equipment or service contract description, the date of purchase, and the cost of the equipment or service contract. The certification shall also state that the equipment and/or service contract is used exclusively in the state of Louisiana and has not previously qualified for a credit pursuant to this Chapter either for the owner or for a previous owner. The certification shall specify the following:

1. the date of purchase of the qualified new recycling manufacturing or process equipment, a description of the equipment, and the cost;

2. the date of the qualified service contract, if any, a description of such contract, and its cost.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:842 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2633 (December 2007).

§10413. Department of Environmental Quality Certification

A. Prior to certification, the Secretary of the Department of Environmental Quality shall determine that any post-consumer waste material or recovered material proposed to be recycled is a nonhazardous solid waste or nonhazardous industrial solid waste under applicable state and federal law and regulations and/or is being used for a qualified beneficial use approved by the DEQ.

B. The Secretary of the Department of Environmental Quality shall examine the application and, if he determines that the equipment and/or service contract described therein is qualified new recycling manufacturing or process equipment and/or a qualified service contract used or rendered exclusively in the state of Louisiana, shall certify that the equipment and/or service contract is eligible for credit against state income and corporation franchise taxes pursuant to R.S. 47:6005.

C. Upon certification, the Secretary of the Department of Environmental Quality shall submit a copy of the signed, certified application to the taxpayer and to the Secretary of the Louisiana Department of Revenue. The secretary shall also submit a copy of the certification to the Commissioner of Administration, who shall approve the certification prior to a credit being granted.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:842 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2633 (December 2007).

§10415. Amount of Credit

A. The maximum total credit related to a purchase of qualified new recycling manufacturing or process equipment and/or a qualified service contract that may be allowable for all taxable periods is 20 percent of the cost of the qualified recycling equipment or qualified service contract, less the amount of any other Louisiana tax credits for the purchase of the equipment or the cost of the service contract. The total tax credits allowed under this Chapter shall be limited to five million dollars per tax year. Example:

Cost of equipment	$1,000,000
	X .20
	$ 200,000
Less other Louisiana credit on purchase	$ 100,000
Maximum credit for all taxable periods	$ 100,000

B. One-fifth (20 percent) of the maximum total credit related to a purchase of qualified recycling equipment and/or a qualified service contract is earned each taxable period in which the equipment or service contract continues to be in use exclusively in the state of Louisiana to a maximum of five periods. Example:

Maximum credit for all taxable periods	$ 100,000
	X .20
Credit earned for this taxable period	$ 20,000

C. The maximum credit that may be claimed for all purchases of qualified recycling equipment and/or qualified service contracts, including carryover of previously earned but unused credits, in any taxable period shall not exceed 50 percent of the tax that would be otherwise due. Example:

Tax otherwise due:	
Income tax	$ 12,000
Franchise tax	$ 18,000
Total	$ 30,000
	X .50
Maximum credit to be claimed on return	$ 15,000

D. …

E. If the qualified recycling equipment is sold or exchanged before the entire credit is claimed, any unearned portion of the credit shall be canceled for all periods following the period of sale. If a qualified service contract is transferred by virtue of a sale of the qualified recycling equipment or otherwise before the entire credit is claimed, any unearned portion of the credit shall be canceled for all periods following the period of the transfer.

AUTHORITY NOTE: Promulgated in accordance with R.S. 47:6005.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 18:842 (August 1992), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2633 (December 2007).

Chapter 105. Waste Tires

§10513. Permit Process for Existing Facilities Classified for Upgrade and for Proposed Facilities

A. Applicant Public Notice

1. No sooner than 45 days prior to the submittal of a standard permit application to the Office of Environmental Services, the prospective applicant shall publish a notice of intent to submit an application for a waste tire standard permit. This notice shall be published one time as a single classified advertisement measuring 3 columns by 5 inches, in the legal or public notices section of the official journal of this state and a major local newspaper of general circulation. If the affected area is Baton Rouge, a single classified advertisement measuring 3 columns by 5 inches, in the legal or public notices section of the official journal of the state will be the only public notice required.

2. – 3. ...

B. Submittal of Permit Applications

1. Any applicant for a standard permit for an existing or proposed facility shall complete a waste tire standard permit application, and submit four copies to the Office of Environmental Services. Each individual copy of the application shall be in standard three-ring-bound documents measuring 8 1/2 by 11 inches. All appendices, references, exhibits, tables, etc., shall be marked with appropriate tabs.

B.2. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:39 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2775 (December 2000), LR 27:829 (June 2001), amended by the Office of Environmental Assessment, LR 30:2033 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), LR 33:2157 (October 2007).

§10515. Agreements with Waste Tire Processors

Standard permitted waste tire processors may apply to the Office of Management and Finance for subsidized funding to assist them with waste tire processing and marketing costs. This application form is available from the Office of Management and Finance.

A. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:39 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2776 (December 2000), LR 27:830 (June 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), LR 33:2158 (October 2007).

§10517. Standard Waste Tire Permit Application

Each applicant requesting a standard permit in accordance with these regulations shall complete the permit application, including, but not limited to, the information included in this Section and submit it to the Office of Environmental Services.

A. – C.3. ...

4. governmental agency collection centers may accept waste tires from roadside pickup, from rights-of-way, individual residents, and unauthorized waste tire piles. For

the tires from unauthorized waste tire piles to be eligible for the $1.50 per 20 pounds marketing payment to permitted processors as indicated in LAC 33:VII.10535, the governmental agency must notify the Office of Management and Finance, in writing, of the agency's intent prior to removing the tires from said site;

5. – 6. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:39 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2776 (December 2000), LR 27:830 (June 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2502 (October 2005), LR 33:2158 (October 2007).

§10519. Standards and Responsibilities of Generators of Waste Tires

A. Within 30 days of commencement of business operations, generators of waste tires shall notify the Office of Environmental Services of their existence and obtain a generator identification number prior to initiating a waste tire manifest. Notification shall be on a form provided by the Office of Environmental Services.

B. – C. ...

D. Each dealer of passenger/light truck tires, medium truck tires, or off-road tires shall remit all waste tire fees collected as required by LAC 33:VII.10535.B and C to the department on a monthly basis on or before the twentieth day following the month during which the fees were collected. The fees shall be remitted to the Office of Management and Finance. Each such dealer shall also submit a Monthly Waste Tire Fee Report (Form WT02, available from the Office of Management and Finance) to the Office of Management and Finance on or before the twentieth day of each month for the previous month's activity, including months in which no fees were collected. Each tire dealer required to make a report and remit the fee imposed by this Section shall keep and preserve records as may be necessary to readily determine the amount of fee due. Each such dealer shall maintain a complete record of the quantity of tires sold, together with tire sales invoices, purchase invoices, inventory records, and copies of each Monthly Waste Tire Fee Report for a period of no less than three years. These records shall be maintained by all parties for a minimum of three years and shall be made available for audit and/or inspection at the place of business during regular business hours.

E. Tire dealers must provide notification to the public sector via signs made available by the Office of Management and Finance indicating that:

E.1. – K. ...

L. A generator who ceases the sale of tires at the registered location shall notify the Office of Management and Finance within 10 days of the date of the close or relocation of the business. This notice shall include information regarding the location and accessibility of the tire sale and monthly report records.

M. – P. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:40 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2777 (December 2000), LR 27:830 (June 2001), LR 27:2227 (December 2001), LR 28:1953 (September 2002), LR 29:1818 (September 2003), LR 29:2780 (December 2003), amended by the Office of Environmental Assessment, LR 31:1323 (June 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2503 (October 2005), LR 33:90 (January 2007), LR 33:2158 (October 2007).

§10521. Standards and Responsibilities of Motor Vehicle Dealers

A. All existing motor vehicle dealers shall notify the Office of Management and Finance of their existence and obtain an identification number. Notification shall be on a form provided by the Office of Management and Finance. Any new motor vehicle dealer shall notify the Office of Management and Finance within 30 days of commencement of business operations.

B. ...

C. Motor vehicle dealers shall remit all waste tire fees collected as required by LAC 33:VII.10535.B and C to the department on a monthly basis on or before the twentieth day following the month during which the fees were collected. The fees shall be remitted to the Office of Management and Finance. Each such dealer shall also submit a Monthly Waste Tire Fee Report (Form WT02, available from the Office of Management and Finance) to the Office of Management and Finance on or before the twentieth day of each month for the previous month's activity, including months in which no fees were collected. Each motor vehicle dealer is required to make a report and remit the fee imposed by this Section and shall keep and preserve records as may be necessary to readily determine the amount of fee due. Each such dealer shall maintain a complete record of the quantity of vehicles sold, together with vehicle purchase and sales invoices, and inventory records, for a period of no less than three years. These records shall be maintained by all parties for a minimum of three years and shall be made available for audit and/or inspection at the place of business during regular business hours.

D. Motor vehicle dealers must provide notification to the public via a sign made available by the Office of Management and Finance, indicating that:

"All Louisiana motor vehicle dealers selling new vehicles are required to collect a waste tire cleanup and recycling fee from the consumer of $2 for each tire upon the sale of each vehicle that has passenger/light truck tires, $5 for each tire

upon the sale of each vehicle that has medium truck tires, and $10 for each tire upon the sale of each off-road vehicle. These fees shall also be collected upon replacement of all recall and adjustment tires. No fee shall be collected on the designated spare tire."

E. ...

F. A motor vehicle dealer who ceases the sale of motor vehicles at the registered location shall notify the Office of Management and Finance, within 10 days of the date of the close or relocation of the business. This notice shall include information regarding the location and accessibility of the motor vehicle sales and monthly report records.

G. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, LR 31:1324 (June 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:91 (January 2007), LR 33:2158 (October 2007).

§10523. Standards and Responsibilities of Waste Tire Transporters

A. Transporters of waste tires shall complete the application for transporter authorization form and submit the application, with the payment of the transporter fees as specified in LAC 33:VII.10535.A, to the Office of Management and Finance.

B. – F. ...

G. All persons subject to this Section shall notify the Office of Management and Finance in writing within 10 days when any information on the authorization certificate form changes, or if they close their business and cease transporting waste tires.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:41 (January 1992), amended LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2778 (December 2000), LR 27:831 (June 2001), repromulgated LR 27:1885 (November 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2503 (October 2005), LR 33:2159 (October 2007).

§10525. Standards and Responsibilities of Waste Tire Processors

A. – A.2.g. ...

B. On a form obtained from the Office of Management and Finance, all processors shall submit to the Office of Management and Finance a monthly report which shall include a certified record of pounds of tires processed during the month, along with all completed manifests for the month and the log recording all unmanifested waste tires deposited at the facility. The monthly report shall also include a certified record of the pounds of waste tire material that have been marketed and delivered as a product or raw material for beneficial reuse. An alternative method of reporting sale of waste tire material shall be developed and approved for each processor that uses a process other than shredding. The alternative method shall be approved by the administrative authority.

C. – D.13. ...

a. the waste tire facility operator shall submit to the Office of Management and Finance an estimate of the maximum total amount by weight of waste tire material that will be stored at the processing facility at any one time;

b. the waste tire facility operator shall also submit to the Office of Management and Finance two independent, third-party estimates of the total cost of cleaning up and closing the facility, including the cost of loading the waste tire material, transportation to a permitted disposal site, and the disposal cost; and

D.13.c. – E.6. ...

7. Mobile processors are responsible for notifying the Office of Environmental Services in writing within 10 days when any information on the notification changes or if they cease processing waste tires with a mobile unit.

F. Governmental agencies may operate tire splitting equipment for the purposes of volume reduction prior to disposal without a permit to process waste tires, provided they meet the requirements outlined in LAC 33:VII.10517.C and request authorization from the Office of Management and Finance before initiating any processing.

G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411-2422.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 18:41 (January 1992), amended LR 20:1001 (September 1994), LR 22:1213 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2779 (December 2000), LR 27:831 (June 2001), LR 27:2228 (December 2001), LR 28:1953 (September 2002), LR 29:2780 (December 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2503 (October 2005), LR 33:2159 (October 2007).

§10531. Standards and Responsibilities of Qualified Recyclers

A. Within 30 days of promulgation of these rules and regulations, recyclers shall notify the Office of Environmental Services of their existence and obtain an identification number. Notification shall be on a form provided by the Office of Environmental Services including, but not limited to:

A.1. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2780 (December 2000), LR 27:831 (June 2001),

amended by the Office of the Secretary, Legal Affairs Division, LR 31:2503 (October 2005), LR 33:2159 (October 2007).

§10533. Manifest System

A. – B.2. ...

3. the designated processing facility operator completes Section 3 of the manifest and retains a copy for his files. The designated processing facility operator shall submit the original manifest to the Office of Management and Finance with the monthly processor report. The designated processing facility shall send all remaining copies to the generator no later than seven days after delivery;

4. ...

5. a generator must submit to the Office of Management and Finance written notification, if he has not received a copy of the manifest with the handwritten signature of the designated destination facility operator within 45 days of the date the shipment was accepted by the transporter. The notification shall include:

a. – b. ...

C. Upon discovering a discrepancy in the number or type of tires in the load, the designated destination facility must attempt to reconcile the discrepancy with the generator(s) or transporter(s). The destination facility operator must submit to the Office of Management and Finance, within five working days, a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest(s). After the discrepancy is resolved a corrected copy is to be sent to the Office of Management and Finance.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 20:1001 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2780 (December 2000), LR 27:831 (June 2001), LR 27:2228 (December 2001), LR 29:2780 (December 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2504 (October 2005), LR 33:91 (January 2007), LR 33:2160 (October 2007).

§10535. Fees and Fund Disbursement

A. Permit and Application Fees. Each applicant shall submit to the Office of Environmental Services a non-refundable application fee in the amount specified, according to the categories listed below. The appropriate fee must accompany the permit application or authorization application form.

A.1. – C. ...

1. The entire waste tire fee shall be forwarded to the Office of Management and Finance by the tire dealer and shall be deposited in the Waste Tire Management Fund.

C.2. – D.6. ...

7. Payments shall be made to the processor on a monthly basis, after properly completed monthly reports are submitted by the processor to the Office of Management and Finance. Reporting forms will be provided by the Office of Management and Finance.

8. – 10. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, LR 20:1001 (September 1994), amended LR 22:1213 (December 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2781 (December 2000), LR 27:832 (June 2001), LR 27:2228 (December 2001), amended by the Office of Environmental Assessment, LR 31:1324 (June 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2504 (October 2005), LR 33:2160 (October 2007).

§10536. Remediation of Unauthorized Tire Piles

A. ...

B. In order to apply for and receive funding for unauthorized waste tire site remediation, local governments must provide the Office of Management and Finance with unauthorized waste tire site information. This information includes, but is not limited to, accurate site location, number of tires on site, visual report on site with photographs and proximity to residences, schools, hospitals and/or nursing homes, and major highways. Such information shall be submitted using forms available from the Office of Management and Finance.

C. ...

D. State agencies, parish, or local governments may consolidate several smaller waste tire piles provided they obtain prior approval from the Office of Management and Finance. Consolidating the piles for the purpose of remediation may increase the priority ranking of the site in question.

E. Waste tires may not be removed from unauthorized waste tire piles without prior approval of the Office of Management and Finance.

F. – G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2411 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Solid Waste Division, amended LR 20:1001 (September 1994), LR 22:1213 (December 1996), LR 23:722 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2782 (December 2000), LR 27:832 (June 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2504 (October 2005), LR 33:2160 (October 2007).

Title 33
Part IX. Water Quality
Subpart 1. Water Pollution Control
Chapter 1. General Provisions

§107. Definitions

* * *

Sewage Sludge—any solid, semisolid, or liquid residue removed during the treatment of municipal wastewater or domestic sewage. *Sewage sludge* includes, but is not limited to, solids removed during primary, secondary, or advanced wastewater treatment, scum, domestic septage, portable toilet pumpings, Type III marine sanitation device pumpings (33 CFR Part 159), and sewage sludge products. *Sewage sludge* does not include grit or screenings, or ash generated during the incineration of sewage sludge.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2538 (November 2000), LR 30:1473 (July 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1857 (October 2006), LR 33:2365 (November 2007).

Chapter 3. Permits
Subchapter A. General Requirements

§301. Scope

A. – E.7. ...

F. Any unpermitted facility or activity that exists or is under construction on the effective date of these regulations and falls under the jurisdiction of Subsection B of this Section shall submit a completed application to the Office of Environmental Services within 180 days of the effective date. Upon receipt of the application by the department within the prescribed 180 days, the facility shall be deemed in compliance with Subsection B of this Section except where the administrative authority has initiated action against the facility following an investigation or complaint. All facilities or activities that meet the requirements outlined in Paragraph J.4 or K.4 of this Section shall be exempt from the requirements of this Subsection.

G. – J.3.b.ii ...

4. A permit application shall not be required from a concentrated animal feeding operation until the department has conducted an on-site inspection of the operation and determined that the operation should and could be regulated under the permit program. However, all concentrated animal feeding operations that meet the criteria in LAC 33:IX.321.Appendix B shall so notify the Office of Environmental Services within 180 days of the effective date of these regulations.

K. – K.3.a.iv. ...

4. A permit application shall not be required from a concentrated aquatic animal production facility until the department has conducted an on-site inspection of the facility and has determined that the facility should and could be regulated under the permit program. However, all concentrated aquatic animal production facilities that meet the criteria in LAC 33:IX.321.Appendix C shall so notify the Office of Environmental Services within 180 days of the effective date of these regulations.

L. – N. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of the Secretary, LR 22:344 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2273 (October 2000), LR 26:2538 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2504 (October 2005), LR 33:2160 (October 2007).

§303. Permit Application Information

A. – D. ...

E. All applicants for a LWDPS permit shall provide the following information to the Office of Environmental Services using the application form provided by the department, unless the department determines that such information is not required for applicant's facility or activity:

E.1. – G.2.c. ...

3. Exception. In cases where the application is withdrawn by the applicant, a written notification must be provided to the Office of Environmental Services stating that no discharge or other activity that would require a permit under these regulations is currently taking place. Provided that the application was not made in response to previous enforcement action, the applicant is then exempt from enforcement action for causes listed under Paragraph G.2 of this Section.

H. – H.2.b. ...

c. the written authorization is submitted to the Office of Environmental Services.

3. If an authorization under this Subsection is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Paragraph H.2 of this Section shall be submitted to the Office of Environmental Services prior to or together with any reports, information, or applications to be signed by an authorized representative.

4. – Certification. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental

Assessment, Environmental Planning Division, LR 26:2539 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2505 (October 2005), LR 33:2161 (October 2007).

§307. Modification, Revocation and Reissuance

A. Any permittee shall report to the Office of Environmental Services any facility changes that result in increases in the quantity of pollutants discharged or decreases in the quality of the discharges. The permittee shall also report any facility changes that result in decreases in the quantity of pollutants discharged or increases in the quality of discharges of pollutants where such change is expected to last in excess of 180 days. Such report shall be by submission of a modified permit application or, if the discharge does not violate the effluent limitations specified in the permit, by submission of notice to the Office of Environmental Services of the nature of such facility changes. The permittee shall not commence any facility expansion, production increases, or process modifications that result in new or increased discharges of pollutants without receiving a modified LWDPS permit or written authorization from the Office of Environmental Services. The provisions of this Subsection shall not apply to facility changes that were considered during the permitting process.

B. When the Office of Environmental Services receives any new information or receives a request for modification or revocation, such permit may, after an opportunity for hearing, be modified, or alternatively revoked and reissued, in whole or in part, for cause, including but not limited to:

B.1. – D.3. ...

4. allow for a change in ownership or operational control of a facility where the Office of Environmental Services determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittees has been submitted to the department (see LAC 33:IX.307.B.8 and 311.D);

D.5. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2540 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2505 (October 2005), LR 33:2161 (October 2007).

§309. Renewal and Termination

A. At least 180 days prior to the expiration date of a LWDPS permit issued pursuant to state law and this regulation, a permittee who wishes to continue to operate under such permit shall submit an application for renewal to the Office of Environmental Services.

B. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of the Secretary, LR 22:344 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2541 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2505 (October 2005), LR 33:2161 (October 2007).

§311. Standard Permit Conditions

In addition to the following standard conditions required in all permits, the department shall establish additional requirements as deemed necessary on a case-by-case basis, to provide for and ensure compliance with all applicable requirements of the act, these regulations, and constitutional and statutory mandates.

A. – I.4. ...

J. Monitoring, Recordkeeping, and Reporting

1. All sampling and analyses shall be performed in accordance with the analytical test procedures approved by the Office of Environmental Services. Where no approved sampling or test procedure is available, the permittee must:

1.a. – 13. ...

14. The permittee shall report any noncompliance as required by R.S. 30:2025(J), R.S. 30:2076(D), or departmental regulations promulgated under these statutes. In addition, all maximum limitation excursions shall be reported in writing to the Office of Environmental Compliance within five days of the time the permittee becomes aware of the excursions.

J.15. – K.1.c. ...

i. if the permittee knows in advance of the need for a bypass, it shall submit to the Office of Environmental Services prior written notice, at least 10 days before the date of the bypass if possible;

ii. if the permittee does not know in advance of the need for a bypass, notice shall be submitted to the Office of Environmental Services within 24 hours after the initiation of the bypass unless an earlier notice is required in R.S. 30:2025(J).

2. – 3. ...

4. The permittee may allow any bypass to occur that does not cause effluent limitations to be exceeded, but only if the bypass is required for essential maintenance to ensure efficient operation. Any bypass that meets the requirements of this Paragraph and is expected to or does continue for longer than seven days shall be reported in writing to the Office of Environmental Services within 10 working days of initiation of the bypass. These bypasses are not subject to the provisions of Paragraphs K.1 and 2 of this Section.

L. – L.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2541 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2505 (October 2005), LR 33:2162 (October 2007).

§315. Public Information

A. – B. ...

C. The department shall send the public notice to the applicant who shall be responsible for publication of the notice once in the official state journal and once in any other local newspapers specified by the department. Upon publication, the applicant shall send the Office of Environmental Services a copy of the certificate of publication. The costs of publication shall be borne by the applicant.

D. – F.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of the Secretary, LR 22:344 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2542 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2506 (October 2005), LR 33:2162 (October 2007).

Chapter 7. Effluent Standards

§708. Exploration for and Production of Oil and Natural Gas

A. – C.1.b.iii. ...

iv. In the event of an unauthorized discharge of oil, produced water, or any other product or waste material, a remedial response must be immediately initiated and the Office of Environmental Compliance shall be notified in accordance with LAC 33:I.3901 et seq. The remedial response shall include immediate removal of discharged materials and, to the extent practicable, decontamination of any water, soil, sediment, or vegetation adversely impacted by the unauthorized discharge. If immediate cleanup is not considered to be an appropriate remedial measure, the responsible party shall notify the Office of Environmental Compliance of the alternative remedial plan and shall promptly implement said plan upon approval by the department. Submission of an alternate plan shall in no way relieve the responsible party of its duty to contain and mitigate the effects of the discharge.

1.b.v. – 3.d. ...

e. The discharge of drill cuttings or bulk drilling fluids (if allowed) must not occur within 1,300 feet (via water) of an active oyster lease, live natural oyster or other molluscan reef, designated oyster seed bed, or sea grass bed. No discharge shall be made in such a manner as to allow deposition of drill cuttings or drilling fluids in or upon any active oyster lease, live natural reef, or seed bed. If the discharge is to take place within one mile of an area containing oyster leases, a lease map must be forwarded to the Office of Environmental Services showing the location of the discharge and surrounding leases. If the applicant considers any oyster lease, live natural oyster or other molluscan reef, or designated seed bed within 1,300 feet of a discharge of drilling fluids or drill cuttings to be inactive, written documentation and evidence must be submitted to the Office of Environmental Services for a determination to be made as to the acceptability of such a discharge.

3.f. – 5.b.ii. ...

c. Each discharge will require specific prior approval from a representative of the Office of Environmental Compliance. An analysis of the treated water shall be submitted to and approved by a representative of the Office of Environmental Compliance prior to discharge.

i. – iii. ...

d. Dilution shall not be used to comply with any of the discharge limitations unless specific written authorization from the Office of Environmental Compliance has been obtained. The only parameter for which dilution will be considered is chloride. Formal written requests for approval to allow dilution of chloride levels should be addressed to the Office of Environmental Compliance. Consideration of written requests to allow dilution of chloride levels in drilling site reserve pits, ring levee borrow ditches, shale barges, drilling fluid dewatering systems, and abandoned or inactive oil field production pits will be made on a case-by-case basis and only if the following conditions can be met.

i. – iv. ...

v. The Office of Environmental Compliance representative concludes that no adverse environmental effects will result from the discharge of pretreated and diluted wastewater.

e. An on-site inspection by department personnel may be required prior to discharge approval.

f. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 15:261 (April 1989), amended LR 17:263 (March 1991), LR 23:860 (July 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2544 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2506 (October 2005), LR 33:2162 (October 2007).

Chapter 9. Spill Prevention and Control

§905. Requirements for Preparation and Implementation of Plans

A. Operators of facilities in operation or under construction on or before the effective date of these regulations that meet the criteria outlined in LAC 33:IX.903

shall prepare a plan within 180 days of the effective date of these regulations. The plan shall be fully implemented as soon as possible after preparation, but not later than one year after it was prepared. The Office of Environmental Services may, upon written request, grant additional implementation time to existing facilities in those cases where substantial upgrading or modification may be required in order to comply with this Chapter.

B. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 11:1066 (November 1985), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2545 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2507 (October 2005), LR 33:2163 (October 2007).

Chapter 11. Surface Water Quality Standards

§1117. References

A. – A.1. ...

2. Louisiana Department of Environmental Quality. (continuous). Fixed Station Long-Term Ambient Surface Water Quality Network. Baton Rouge: Office of Environmental Compliance.

3. – 13. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:745 (October 1984), amended LR 15:738 (September 1989), LR 17:264 (March 1991), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2403 (December 1999), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2507 (October 2005), LR 33:2163 (October 2007).

§1121. Regulation of Toxic Substances Based on the General Criteria

A. – A.2. ...

B. Effluent Characterization/Toxicity Testing and/or Instream Assessment

1. When determining the need for limits based on water quality, the Office of Environmental Services may identify data needs and request that the permittee submit additional data along with the application. Permits may be placed into three categories:

1.a. – 3.b.iii.(c). ...

4. For waterbodies whose designated use is as a drinking water supply, the department will calculate the in-stream concentration for all discharged pollutants for which EPA has promulgated a maximum contaminant level (MCL). The permittee will be required to submit to the Office of Environmental Services sufficient effluent characterization data to make these calculations. Where dilution calculations indicate that in-stream concentrations may exceed the MCL requirements at appropriate flow conditions, the permittee may be required to conduct in-stream chemical monitoring or monitoring at the water supply.

5. To protect human health by eliminating chronic exposure to potentially toxic amounts of pollutants from aquatic species consumed by humans, the department will calculate the in-stream concentrations of all applicable pollutants for which EPA has published human health criteria in the Quality Criteria for Water, 1986, EPA 440/5-86-001, or subsequent revisions. The permittee will be required to submit to the Office of Environmental Services sufficient effluent characterization data to make these calculations. For operational considerations, if dilution calculations show that after mixing, a suspected carcinogen would be present in the receiving water body at a concentration associated with a 10^{-6} risk level, in-stream chemical monitoring may be required of the appropriate dischargers. The department will list the water body as a priority water body and develop a wasteload allocation or make other consideration for it.

C. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 15:738 (September 1989), amended LR 17:264 (March 1991), LR 20:883 (August 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2404 (December 1999), LR 26:2548 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2507 (October 2005), LR 33:832 (May 2007), LR 33:2163 (October 2007).

Chapter 15. Water Quality Certification Procedures

§1507. Procedures for Issuance of Water Quality Certification

A. – A.2.a, Table. ...

b. Payment shall accompany the application for certification. The department shall consider the application incomplete and initiation of the application review process will not begin until payment of the processing fee is received. Payment shall be by check or money order to Department of Environmental Quality, Office of Environmental Services, and shall be nonrefundable.

3. ...

4. Approved Land Management Plan Requirement. Applicants whose applications involve the clearing of land for agricultural purposes shall submit to the Office of Environmental Services an approved land management plan for the land to be cleared before the application will be deemed adequate.

5. – 8. ...

B. Alternative Application Submittal. Any applicant may elect to submit to the Office of Environmental Services a duplicate of the proposed federal permit application in lieu of a separate application for state certification. Such submittal must include a cover letter requesting state certification and indicating that the attached copy of a federal permit application is to serve as the application for state certification.

C. – H.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(A)(3).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 10:496 (July 1984), amended by the Office of the Secretary, LR 22:345 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2550 (November 2000), LR 29:690 (May 2003), LR 29:2052 (October 2003), amended by the Office of Environmental Assessment, LR 30:2027 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2507 (October 2005), LR 33:2163 (October 2007).

Chapter 21. Municipal Facilities Revolving Loan Fund

§2109. Priority System

A. ...

B. Determination of Priority for Participation in the Program. Any municipality that has the authority under applicable law to undertake a wastewater facility project and desires to apply for a loan may submit a completed Pre-Application Form (RF-100) to the Office of Environmental Services. Such projects shall be included on the next fiscal year's state project priority list in accordance with the priority system.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 13:742 (December 1987), repromulgated LR 14:862 (December 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2550 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2508 (October 2005), LR 33:2164 (October 2007).

§2111. Application for Loan

A. – E.4. ...

F. Plans and Specifications. The applicant shall submit plans and specifications to the Office of Environmental Services for review to ensure the proposed project meets minimum technical and administrative requirements of federal and state law, is biddable and constructable and will satisfy discharge requirements in accordance with the project's National Pollution Discharge Elimination System (NPDES) and/or State Pollutant Discharge Elimination System permit.

G. – H. ...

I. Financial and Management Capability. The applicant is required to submit to the Office of Environmental Services sufficient information to demonstrate its legal, institutional, managerial, and financial capability to ensure the adequate building, operation, maintenance of the facility, and debt repayment of the loan.

J. – M.6. ...

N. Sludge Management Plan. The applicant shall submit a plan to the Office of Environmental Services that complies with the Department of Environmental Quality rules and regulations.

O. – P. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 13:742 (December 1987), repromulgated LR 14:862 (December 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2550 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2508 (October 2005), LR 33:2164 (October 2007).

§2115. Construction of Wastewater Facility Project

A. – B.2.c. ...

d. submit to the Office of Environmental Services all change orders for review and approval.

C. Bid Proposals. The applicant shall submit to the Office of Environmental Services for review a complete statement of work to be performed, the terms and conditions of the proposed contract to be awarded, a clear explanation of the methods of bidding and of evaluating bid prices and the limits of work for each item on the proposal form.

D. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 13:742 (December 1987), repromulgated LR 14:862 (December 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2551 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2508 (October 2005), LR 33:2164 (October 2007).

§2119. Miscellaneous

A. Annual Audit. The Office of Management and Finance shall conduct, or have conducted, an annual audit of the fiscal operation of the revolving loan fund for submission to the governor and the legislature.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 13:742 (December 1987), repromulgated LR 14:862 (December 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2551 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2508 (October 2005), LR 33:2164 (October 2007).

§2123. Appendix 2—Construction Grants Priority System

A. – D.2.i. ...

3. It is the responsibility of each authorized project representative to maintain current and accurate information for his/her project, and to submit any revised or updated project information to the Office of Environmental Services each year for use in preparing the project priority list. Only project information received by April 1 will be considered for inclusion on the next fiscal year's project priority list.

4. – 19. ...

20. Those projects that have already received federal assistance for Step 1 or Step 2 work must complete and submit the required grant documents to the Office of Environmental Services within the time period allotted. Failure to submit the required documents or a request for a time extension by the scheduled project completion date may result in the removal of the project from the fundable portion of the project priority list.

D.21. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 17:342 (December 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2551 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2508 (October 2005), LR 33:2164 (October 2007).

§2125. Appendix 3—State Environmental Review Process

A. General. As required by the provisions of Section 602(b)(6) of the 1987 Amendments to the Clean Water Act, the department shall conduct an interdisciplinary environmental review consistent with the National Environmental Policy Act of the project proposed for funding through the municipal facilities revolving loan fund. This review will ensure that the project will comply with the applicable local, state, and federal laws and department rules relating to the protection and enhancement of the environment. Based upon the staff's review, the secretary, or his duly authorized representative, will make formal determinations regarding the potential social and environmental impacts of the proposed project. As necessary, the determination will include mitigative provisions as a condition of financial assistance for building and no financial assistance will be provided until a final environmental determination has been made. Nothing in these rules shall prohibit any public, private or governmental party from seeking administrative or legal relief from the determinations of the department. Potential applicants to the municipal facilities revolving loan fund should obtain guidance from the staff regarding the scope of the environmental review to be conducted by the department and the environmental information that the applicant will be required to submit to the Office of Environmental Services in support of the proposed project.

A.1. – C.5. ...

GUIDELINES FOR LOUISIANA REVOLVING LOANS FUND ENVIRONMENTAL REVIEW PROCESS

* * *

[See Prior Text in Document]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2011(D)(1).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 14:862 (December 1988), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2551 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2509 (October 2005), LR 33:2165 (October 2007).

Subpart 2. The Louisiana Pollutant Discharge Elimination System (LPDES) Program

Chapter 23. Definitions and General LPDES Program Requirements

§2301. General Conditions

A. The conditions and requirements in this Chapter apply only to facilities and discharges within the scope of coverage of the NPDES program and to permits issued in accordance with the assumption of the NPDES program. Provisions of the federal regulations addressing sewage sludge use and disposal have been retained and state terminology has been substituted for federal terminology as appropriate. Unless specifically indicated in LAC 33:IX.Chapter 73 as being applicable, requirements relative to a state sewage sludge management program in LAC 33:IX.Chapters 23-71 are not applicable until the Department of Environmental Quality (DEQ) receives the sewage sludge management program authority, in accordance with 40 CFR Part 501 under the NPDES program. Until DEQ receives the sewage sludge management program authority, in accordance with 40 CFR Part 501 under the NPDES program, the requirements relative to the state sewage sludge management program are those in LAC 33:IX.Chapter 73. In accordance with R.S. 40:4(A)(6), plans and specifications for a sanitary wastewater treatment facility are reviewed and approved by the state health officer or his designee.

B. – F. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 23:199 (February 1997), LR 23:722 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:1467 (August 1999), LR 26:1609 (August 2000), LR 27:2231 (December 2001), LR 28:996 (May 2002), LR 29:700 (May 2003), repromulgated LR 30:230 (February 2004), LR 30:752 (April 2004), amended by the Office of Environmental Assessment, LR 31:920 (April 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:604 (April 2006), LR 33:641 (April 2007), LR 33:2365 (November 2007).

§2313. Definitions

A. The following definitions apply to LAC 33:IX.Chapters 23-35. Terms not defined in this Section have the meaning given by the CWA.

* * *

Sewage Sludge—any solid, semi-solid, or liquid residue removed during the treatment of municipal wastewater or domestic sewage. *Sewage sludge* includes, but is not limited to, solids removed during primary, secondary, or advanced wastewater treatment, scum, domestic septage, portable toilet pumpings, Type III marine sanitation device pumpings (33 CFR Part 159), and sewage sludge products. *Sewage sludge* does not include grit or screenings, or ash generated during the incineration of sewage sludge.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Water Pollution Control Division, LR 23:722 (June 1997), LR 23:1523 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2755 (December 2000), LR 28:464 (March 2002), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2365 (November 2007).

§2315. Exclusions

A. The following activities do not require LPDES permits:

1. – 6. …

7. discharges into a privately owned treatment works, except as the state administrative authority may otherwise require under LAC 33:IX.2707.M;

8. the application of pesticides consistent with all relevant requirements in the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (i.e., those relevant to protecting water quality), in the following two circumstances:

a. the application of pesticides directly to waters of the state in order to control pests. Examples of such applications include applications to control mosquito larvae, aquatic weeds, or other pests that are present in waters of the state;

b. the application of pesticides to control pests that are present over waters of the state, including near such waters, where a portion of the pesticides will unavoidably be deposited to waters of the state in order to target the pests effectively, for example, when insecticides are aerially applied to a forest canopy where waters of the state may be present below the canopy or when pesticides are applied over or near water for control of adult mosquitoes or other pests.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), repromulgated by the Office of Environmental Assessment, Environmental Planning Division, LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2069 (October 2007).

Chapter 25. Permit Application and Special LPDES Program Requirements

§2501. Application for a Permit

A. Duty to Apply

1. Any person who discharges or proposes to discharge pollutants or who owns or operates a sludge-only facility whose sewage sludge use or disposal practice is regulated by 40 CFR Part 503, and who does not have an effective permit, except persons covered by general permits under LAC 33:IX.2515, or discharges excluded under LAC 33:IX.2315, or a user of a privately owned treatment works unless the state administrative authority requires otherwise under LAC 33:IX.2707.M, must submit a complete application to the Office of Environmental Services in accordance with this Section and LAC 33:IX.Chapters 31-35. All concentrated animal feeding operations have a duty to seek coverage under an LPDES permit as described in LAC 33:IX.2505.D.

2. Application Forms

a. All applicants for LPDES permits must submit applications on either state- or EPA-approved permit application forms. More than one application form may be required from a facility depending on the number and types of discharges or outfalls found there. Application forms may be obtained by contacting the Office of Environmental Services or may be obtained electronically through the department's website.

A.2.b. – C.1.b. ...

c. Any other TWTDS not addressed under Subparagraph C.1.a or b of this Section must submit the information listed in Clauses C.1.c.i-v of this Section, to the Office of Environmental Services within one year after publication of a standard applicable to its sewage sludge use or disposal practice(s), using Form 2S or another form provided by the department. The Office of Environmental Services will determine when such TWTDS must submit a full permit application. The following information must be submitted:

c.i. – d. ...

e. Any owner or operator of a TWTDS that commences operations after promulgation of an applicable standard for sewage sludge use or disposal shall submit an application to the Office of Environmental Services at least 180 days prior to the date proposed for commencing operations.

D. – E.2. ...

F. Information Requirements. All applicants for LPDES permits, other than permits for POTWs and other TWTDS, must provide the following information to the Office of Environmental Services using the application form provided by the state administrative authority (additional information required of applicants is set forth in Subsections G-K of this Section and LAC 33:I.1701):

1. – 9. ...

G. Application Requirements for Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers. Existing manufacturing, commercial, mining, and silvicultural dischargers applying for LPDES permits, except for those facilities subject to the requirements of Subsection H of this Section, shall provide the following information to the Office of Environmental Services using application forms provided by the state administrative authority:

1. – 13. ...

H. Application Requirements for Manufacturing, Commercial, Mining and Silvicultural Facilities That Discharge Only Nonprocess Wastewater. Except for stormwater discharges, all manufacturing, commercial, mining and silvicultural dischargers applying for LPDES permits that discharge only nonprocess wastewater not regulated by an effluent limitations guideline or new source performance standard shall provide the following information to the Office of Environmental Services using application forms provided by the state administrative authority.

H.1. – I.1.i. . . .

j. for CAFOs that must seek coverage under a permit after February 27, 2009, certification that a nutrient management plan has been completed and will be implemented upon the date of permit coverage.

2. – 2.e. . . .

J. Application Requirements for New and Existing POTWs. Unless otherwise indicated, all owners/operators of POTWs and other dischargers designated by the state administrative authority must provide, at a minimum, the information in this Subsection to the Office of Environmental Services. Permit applicants must submit all information available at the time of permit application. The information may be provided by referencing information previously submitted to the state administrative authority. The state administrative authority may waive any requirement of this Subsection if he or she has access to substantially identical information. The state administrative authority may also waive any requirement of this Subsection that is not of material concern for a specific permit, if approved by the regional administrator. The waiver request to the regional administrator must include the state's justification for the waiver. A regional administrator's disapproval of a state's proposed waiver does not constitute final agency action, but does provide notice to the state and permit applicant(s) that EPA may object to any state-issued permit issued in the absence of the required information.

1. – 3.c.ii. ...

4. Effluent Monitoring for Specific Parameters

a. As provided in Subparagraphs J.4.b-j of this Section, all applicants must submit to the Office of Environmental Services effluent monitoring information for samples taken from each outfall through which effluent is discharged to waters of the state. The state administrative authority may allow applicants to submit sampling data for only one outfall on a case-by-case basis, where the applicant has two or more outfalls with substantially identical effluent. The state administrative authority may also allow applicants to composite samples from one or more outfalls that discharge into the same mixing zone.

4.b. – 5.a. ...

b. As provided in Subparagraphs J.5.c-i of this Section, applicants for the following facilities must submit to the Office of Environmental Services the results of valid whole effluent toxicity tests for acute or chronic toxicity for samples taken from each outfall through which effluent is discharged to surface waters:

J.5.b.i. – Q.15. …

R. Applications for Facilities with Cooling Water Intake Structures

1. Application requirements for facilities with cooling water intake structures are as follows.

a. New Facilities with New or Modified Cooling Water Intake Structures. New facilities (other than offshore oil and gas extraction facilities) with cooling water intake structures, as described in LAC 33:IX.Chapter 47.Subchapter A, shall submit to the state administrative authority for review the information required in Paragraphs R.2 (except Subparagraph R.2.d), 3, and 4 of this Section and LAC 33:IX.4713. New offshore oil and gas extraction facilities with cooling water intake structures, as described in LAC 33:IX.Chapter 47.Subchapter C, that are fixed facilities must submit to the Office of Environmental Services for review the information required in Paragraphs R.2 (except Subparagraph R.2.d), 3, and 4 of this Section and LAC 33:IX.4773 as part of their application. New offshore oil and gas extraction facilities that are not fixed facilities must submit to the Office of Environmental Services for review only the information required in Subparagraph R.2.d and Paragraph R.3 (except Subparagraph R.3.b) of this Section and LAC 33:IX.4773 as part of their application. Requests for alternative requirements in accordance with LAC 33:IX.4711 or 4771 shall be submitted with the permit application.

b. …

2. Source Water Physical Data. These include:

a. …

b. identification and characterization of the source water body's hydrological and geomorphological features, as well as the methods used to conduct any physical studies to

determine the intake's area of influence within the water body and the results of such studies;

c. locational maps; and

d. for new offshore oil and gas facilities that are not fixed facilities, a narrative description and/or locational maps providing information on predicted locations within the water body during the permit term in sufficient detail for the administrative authority to determine the appropriateness of additional impingement requirements in LAC 33:IX.4769.B.5.

3. – 3.e. …

4. Source Water Baseline Biological Characterization Data. This information is required to characterize the biological community in the vicinity of the cooling water intake structure and to characterize the operation of the cooling water intake structures. The state administrative authority may also use this information in subsequent permit renewal proceedings to determine if the design and construction technology plan, as required in LAC 33:IX.4713.B.4 or 4773.B.3, should be revised. This supporting information must include existing data (if available). However, the data may be supplemented using newly conducted field studies, if the owner or operator chooses to do so. The information to be submitted must include:

4.a. – 5.b. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 23:723 (June 1997), amended by the Office of the Secretary, LR 25:661 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2552 (November 2000), LR 26:2756 (December 2000), LR 27:45 (January 2001), LR 28:465 (March 2002), LR 28:1766 (August 2002), LR 29:1462 (August 2003), repromulgated LR 30:230 (February 2004), amended by the Office of Environmental Assessment, LR 30:2028 (September 2004), LR 31:425 (February 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2509 (October 2005), LR 32:819 (May 2006), LR 33:2069, 2165 (October 2007), LR 33:2360 (November 2007).

§2505. Concentrated Animal Feeding Operations

A. – G.1. . . .

2. Operations Defined as CAFOs as of April 14, 2003, Which Were Not Defined as CAFOs Prior to That Date. For all such CAFOs, the owner or operator of the CAFO must seek to obtain coverage under an LPDES permit by a date specified by the state administrative authority, but no later than February 27, 2009.

3. – 3.b. . . .

c. if an operational change that makes the operation a CAFO would not have made it a CAFO prior to April 14, 2003, the operation has until February 27, 2009, or 90 days after becoming defined as a CAFO, whichever is later.

G.4. – H.2. . . .

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 28:467 (March 2002), LR 29:1463 (August 2003), repromulgated LR 30:230 (February 2004), amended by the Office of Environmental Assessment, LR 31:1577 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:819 (May 2006), LR 33:2360 (November 2007).

§2511. Storm Water Discharges

A. – A.9.b. ...

c. Operators of storm water discharges designated in accordance with Clauses A.9.a.iii and iv of this Section shall apply to the Office of Environmental Services for a permit within 180 days of receipt of notice, unless permission for a later date is granted by the department.

B. – C.1.e. ...

2. Group Application for Discharges Associated with Industrial Activity. In lieu of individual applications or notice of intent to be covered by a general permit for storm water discharges associated with industrial activity, a group application may be filed by an entity representing a group of applicants (except facilities that have existing individual LPDES permits for storm water) that are part of the same subcategory (see 40 CFR Subchapter N, Part 405 to 471) or, where such grouping is inapplicable, are sufficiently similar as to be appropriate for general permit coverage under LAC 33:IX.2515. The Part 1 application shall be submitted to the Office of Environmental Services for approval. Once a Part 1 application is approved, group applicants are to submit Part 2 of the group application to the Office of Environmental Services. A group application shall consist of:

a. – b. ...

D. Application Requirements for Large and Medium Municipal Separate Storm Sewer Discharges. The operator of a discharge from a large or medium municipal separate storm sewer or a municipal separate storm sewer that is designated by the state administrative authority under Subparagraph A.1.e of this Section may submit a jurisdiction-wide or system-wide permit application to the Office of Environmental Services. Where more than one public entity owns or operates a municipal separate storm sewer within a geographic area (including adjacent or interconnected municipal separate storm sewer systems), such operators may be a co-applicant to the same application. Permit applications for discharges from large and medium municipal storm sewers or municipal storm sewers designated under Subparagraph A.1.e of this Section shall include:

D.1. – G.4.d, Certification. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 23:957 (August 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2273 (October 2000), LR 26:2552 (November 2000), repromulgated LR 27:40 (January 2001), amended LR 28:467 (March 2002), LR 29:701 (May 2003), repromulgated LR 30:230 (February 2004), amended by the Office of Environmental Assessment, LR 31:1321 (June 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2510 (October 2005), LR 32:1603 (September 2006), LR 33:2166 (October 2007).

§2515. General Permits

A. – B.1. ...

2. Authorization to Discharge, or Authorization to Engage in Sludge Use and Disposal Practices

a. Except as provided in Subparagraphs B.2.e and f of this Section, dischargers (or treatment works treating domestic sewage) seeking coverage under a general permit shall submit to the Office of Environmental Services a written notice of intent to be covered by the general permit. A discharger (or treatment works treating domestic sewage) who fails to submit a notice of intent in accordance with the terms of the permit is not authorized to discharge, (or in the case of sludge disposal permit, to engage in a sludge use or disposal practice), under the terms of the general permit unless the general permit, in accordance with Subparagraph B.2.e of this Section, contains a provision that a notice of intent is not required or the state administrative authority notifies a discharger (or treatment works treating domestic sewage) that it is covered by a general permit in accordance with Subparagraph B.2.f of this Section. A complete and timely notice of intent (NOI), to be covered in accordance with general permit requirements, fulfills the requirements for permit applications for purposes of LAC 33:IX.2321, 2501, and 2511.

B.2.b. – C.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2276 (October 2000), LR 26:2553 (November 2000), LR 28:468 (March 2002), LR 29:1466 (August 2003), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2511 (October 2005), LR 33:2167 (October 2007).

§2521. If I am an operator of a regulated small MS4, how do I apply for an LPDES permit and when do I have to apply?

A. If you operate a regulated small MS4 under LAC 33:IX.2519, you must seek coverage under an LPDES permit issued by the Office of Environmental Services.

B. ...

1. if the Office of Environmental Services has issued a general permit applicable to your discharge and you are seeking coverage under the general permit, you must submit a Notice of Intent (NOI) that includes the information on your best management practices and measurable goals required by LAC 33:IX.2523.D. You may file your own NOI or you and other municipalities or governmental entities may jointly submit a NOI. If you want to share responsibilities for meeting the minimum measures with other municipalities or governmental entities, you must submit a NOI that describes which minimum measures you will implement and identify the entities that will implement the other minimum measures within the area served by your MS4. The general permit will explain any other steps necessary to obtain permit authorization;

2.a. if you are seeking authorization to discharge under an individual permit and wish to implement a program under LAC 33:IX.2523, you must submit an application to the Office of Environmental Services that includes the information required under LAC 33:IX.2501.F and 2523.D, an estimate of square mileage served by your small MS4, and any additional information that the Office of Environmental Services requests. A storm sewer map that satisfies the requirement of LAC 33:IX.2523.B.3.a will satisfy the map requirement in LAC 33:IX.2501.F.7;

b. ...

c. if approved by the Office of Environmental Services, you and another regulated entity may jointly apply under either Subparagraph B.2.a or b of this Section to be co-permittees under an individual permit;

B.3. – C.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2278 (October 2000), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2511 (October 2005), LR 33:2167 (October 2007).

§2523. As an operator of a regulated small MS4, what will my LPDES MS4 storm water permit require?

A. – C. ...

D.1. In your permit application (either a notice of intent for coverage under a general permit or an individual permit application) you must identify and submit to the Office of Environmental Services the following information:

a. – c. ...

2. If you obtain coverage under a general permit, you are not required to meet any measurable goal(s) identified in your notice of intent in order to demonstrate compliance with the minimum control measures in Paragraphs B.3-6 of this Section unless, prior to submitting your NOI, the Office of Environmental Services has provided or issued a menu of BMPs that addresses each such minimum measure. Even if that office does not issue the menu of BMPs, however, you still must comply with other requirements of the general

permit, including good faith implementation of BMPs designed to comply with the minimum measures.

D.3. – G.3.e. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2278 (October 2000), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2511 (October 2005), LR 33:2167 (October 2007).

§2525. As an operator of a regulated small MS4, may I share the responsibility to implement the minimum control measures with other entities?

A. – A.3. ...

B. In some cases the Office of Environmental Services may recognize, either in your individual LPDES permit or in an LPDES general permit, that another governmental entity is responsible under an LPDES permit for implementing one or more of the minimum control measures for your small MS4 or that the department itself is responsible. Where the Office of Environmental Services does so, you are not required to include such minimum control measure(s) in your storm water management program (e.g., if a state or tribe is subject to an LPDES permit that requires it to administer a program to control construction site runoff at the state or tribal level and that program satisfies all of the requirements of LAC 33:IX.2523.B.4, you could avoid responsibility for the construction measure, but would be responsible for the remaining minimum control measures). Your permit may be reopened and modified to include the requirement to implement a minimum control measure if the entity fails to implement it.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2282 (October 2000), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2512 (October 2005), LR 33:2167 (October 2007).

§2529. Will the small MS4 storm water program regulations at LAC 33:IX.2519-2527 change in the future?

A. EPA will evaluate the small MS4 regulations at LAC 33:IX.2519-2527 after December 10, 2012, and recommend any necessary revisions. Required revisions will then be incorporated into the LPDES program by the Office of Environmental Services. (EPA intends to conduct an enhanced research effort and compile a comprehensive evaluation of the NPDES MS4 storm water program. EPA will re-evaluate the regulations based on data from the NPDES MS4 storm water program, from research on receiving water impacts from storm water, and the effectiveness of BMPs, as well as other relevant information sources.)

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 26:2282 (October 2000), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2512 (October 2005), LR 33:2168 (October 2007).

Chapter 27. LPDES Permit Conditions

§2701. Conditions Applicable to All Permits

The following conditions apply to all LPDES permits. Additional conditions applicable to LPDES permits are in LAC 33:IX.2703. All conditions applicable to LPDES permits shall be incorporated into the permits either expressly or by reference. If incorporated by reference, a specific citation to these regulations (or the corresponding approved state regulations) must be given in the permit.

A. – M.2. ...

3. Notice

a. Anticipated Bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Office of Environmental Services, if possible at least 10 days before the date of the bypass.

M.3.b. – N.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Water Pollution Control Division, LR 23:724 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2553 (November 2000), LR 28:468 (March 2002), repromulgated LR 30:230 (February 2004), amended LR 30:1676 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2431, 2512 (October 2005), LR 32:1220 (July 2006), LR 33:2168 (October 2007).

§2703. Additional Conditions Applicable to Specified Categories of LPDES Permits

The following conditions, in addition to those set forth in LAC 33:IX.2701, apply to all LPDES permits within the categories specified below.

A. Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers. In addition to the reporting requirements under LAC 33:IX.2701.L, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Office of Environmental Services as soon as they know or have reason to believe:

A.1. – B.3.b. ...

C. Municipal Separate Storm Sewer Systems. The operator of a large or medium municipal separate storm sewer system or a municipal separate storm sewer that has been designated by the state administrative authority under LAC 33:IX.2511.A.1.e must submit an annual report to the Office of Environmental Services by the anniversary of the

date of the issuance of the permit for such system. The report shall include:

C.1. – E. . . .

1. Requirements to Develop and Implement a Nutrient Management Plan. At a minimum, a nutrient management plan must include best management practices and procedures necessary to implement applicable effluent limitations and standards. Permitted CAFOs must have their nutrient management plans developed and implemented by February 27, 2009. CAFOs that seek to obtain coverage under a permit after February 27, 2009, must have a nutrient management plan developed and implemented upon the date of permit coverage. The nutrient management plan must, to the extent applicable:

1.a. – 4.g. . . .

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2554 (November 2000), LR 29:1466 (August 2003), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2512 (October 2005), LR 32:819 (May 2006), LR 33:2168 (October 2007), LR 33:2360 (November 2007).

§2707. Establishing Limitations, Standards, and Other Permit Conditions

A.1. – B.2. …

3. Requirements applicable to cooling water intake structures in Section 316(b) of the CWA, in accordance with LAC 33:IX.Chapter 47.Subchapters A, B, and C.

C. – S. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 23:724 (June 1997), LR 23:1523 (November 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2282 (October 2000), LR 26:2764 (December 2000), LR 28:469 (March 2002), LR 28:1767 (August 2002), repromulgated LR 30:230 (February 2004), amended by the Office of Environmental Assessment, LR 31:426 (February 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2070 (October 2007).

§2709. Calculating LPDES Permit Conditions

A. – B.2.b.ii. ...

(a). the permit shall require the permittee to notify the Office of Environmental Services at least two business days prior to a month in which the permittee expects to operate at a level higher than the lowest production level identified in the permit. The notice shall specify the anticipated level and the period during which the permittee expects to operate at the alternate level. If the notice covers more than one month, the notice shall specify the reasons for the anticipated production level increase. New notice of discharge at alternate levels is required to cover a period or production level not covered by prior notice or, if during two consecutive months otherwise covered by a notice, the production level at the permitted facility does not in fact meet the higher level designated in the notice;

(b). the permittee shall comply with the limitations, standards, or prohibitions that correspond to the lowest level of production specified in the permit, unless the permittee has notified the Office of Environmental Services under Subclause B.2.b.ii.(a) of this Section, in which case the permittee shall comply with the lower of the actual level of production during each month or the level specified in the notice;

(c). the permittee shall submit to the Office of Environmental Compliance with the DMR the level of production that actually occurred during each month and the limitations, standards, or prohibitions applicable to that level of production.

C. – I. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2554 (November 2000), LR 28:470 (March 2002), repromulgated LR 30:230 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2513 (October 2005), LR 33:2168 (October 2007).

Chapter 31. General LPDES Program Requirements

§3113. Public Notice of Permit Actions and Public Comment Period

A. – D.1.g. …

h. requirements applicable to cooling water intake structures in Section 316(b) of the CWA, in accordance with LAC 33:IX.Chapter 47.Subchapters A, B, and C; and

D.1.i. – F. …

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Water Pollution Control Division, LR 23:725 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2554 (November 2000), LR 28:473 (March 2002), LR 28:1767 (August 2002), repromulgated LR 30:231 (February 2004), amended by the Office of Environmental Assessment, LR 31:426 (February 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2070 (October 2007).

§3115. Public Comments and Requests for Public Hearings

A. During the public comment period provided under LAC 33:IX.3113, any interested person may submit written

comments to the Office of Environmental Services on the draft permit and may request a public hearing, if no hearing has already been scheduled. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. All comments shall be considered in making the final decision and shall be answered as provided in LAC 33:IX.3125.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2554 (November 2000), repromulgated LR 30:231 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2513 (October 2005), LR 33:2169 (October 2007).

§3117. Public Hearings

A.1. – A.4. ...

B. Any person may submit to the Office of Environmental Services oral or written statements and data concerning the draft permit. Reasonable limits may be set upon the time allowed for oral statements, and the submission of statements in writing may be required. The public comment period under LAC 33:IX.3113 shall automatically be extended to the close of any public hearing under this Section. The hearing officer may also extend the comment period by so stating at the hearing.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2554 (November 2000), repromulgated LR 30:231 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2513 (October 2005), LR 33:2169 (October 2007).

Chapter 45. Criteria for Determining Alternative Effluent Limitations under Section 316(a) of the Act

§4505. Early Screening of Applications for Section 316(a) of the Act Variances

A. – A.4. ...

B. After submitting the early screening information under Subsection A of this Section, the discharger shall consult with the state administrative authority at the earliest practicable time (but not later than 30 days after the application is filed) to discuss the discharger's early screening information. Within 60 days after the application is filed, the discharger shall submit to the Office of Environmental Services, for approval, a detailed plan of study that the discharger will undertake to support its Section 316(a) of the Act demonstration. The discharger shall specify the nature and extent of the following type of information to be included in the plan of study: biological, hydrographical and meteorological data; physical monitoring data; engineering or diffusion models; laboratory studies; representative important species; and other relevant information. In selecting representative important species, special consideration shall be given to species mentioned in applicable water quality standards. After the discharger submits its detailed plan of study, the state administrative authority shall either approve the plan or specify any necessary revisions to the plan. The discharger shall provide any additional information or studies that the state administrative authority subsequently determines necessary to support the demonstration, including such studies or inspections as may be necessary to select representative important species. The discharger may provide any additional information or studies that the discharger feels are appropriate to support the demonstration.

C. – F, NOTE. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2555 (November 2000), repromulgated LR 30:231 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2513 (October 2005), LR 33:2169 (October 2007).

Chapter 47. Criteria Applicable to Cooling Water Intake Structures under Section 316(b) of the Clean Water Act

[NOTE: This Chapter is written in a special format to make it easier to understand the regulatory requirements. Like other department and USEPA regulations, this establishes enforceable legal requirements. For this Chapter, *I* and *you* refer to the owner/operator.]

Subchapter B. Requirements Applicable to Cooling Water Intake Structures for Phase II Existing Facilities under Section 316(b) of the Clean Water Act

§4730. Suspension of Portions of LAC 33:Part IX

A. LAC 33:IX.2501.R.1.b and R.5 are hereby suspended.

B. LAC 33:IX.Chapter 47.Subchapter B, with the exception of LAC 33:IX.4731.B, is hereby suspended.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2070 (October 2007).

§4735. What special definitions apply to this Subchapter?

A. In addition to the definitions provided in LAC 33:IX.2313, the following special definitions apply to this Subchapter.

* * *

Existing Facility—any facility that commenced construction as described in 40 CFR 122.29(b)(4) on or before January 17, 2002 (or July 17, 2006, for an offshore oil and gas extraction facility), and any modification of, or any addition of, a unit at such a facility that does not meet the definition of a *new facility* in LAC 33:IX.4707.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, LR 31:428 (February 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2070 (October 2007).

Subchapter C. Requirements Applicable to Cooling Water Intake Structures for New Offshore Oil and Gas Extraction Facilities Under Section 316(b) of the Clean Water Act

§4761. What are the purpose and scope of this Subchapter?

A. This Subchapter establishes requirements that apply to the location, design, construction, and capacity of cooling water intake structures at new offshore oil and gas extraction facilities. The purpose of these requirements is to establish the best technology available for minimizing adverse environmental impact associated with the use of cooling water intake structures at these facilities. These requirements are implemented through the Louisiana Pollutant Discharge Elimination System (LPDES) permits issued under Section 402 of the Clean Water Act (CWA).

B. This Subchapter implements Section 316(b) of the CWA for new offshore oil and gas extraction facilities. Section 316(b) of the CWA provides that any standard established pursuant to Section 301 or 306 of the CWA and applicable to a point source shall require that the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact.

C. New offshore oil and gas extraction facilities that do not meet the threshold requirements regarding amount of water withdrawn or percentage of water withdrawn for cooling water purposes in LAC 33:IX.4763.A must meet requirements determined by the administrative authority on a case-by-case, best professional judgement (BPJ) basis.

D. Nothing in this Subchapter shall be construed to preclude or deny the right of any state or political subdivision of a state or any interstate agency under Section 510 of the CWA to adopt or enforce any requirement with respect to control or abatement of pollution that is more stringent than those required by federal law.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2071(October 2007).

§4763. Who is subject to this Subchapter?

A. This Subchapter applies to a new offshore oil and gas extraction facility if it meets all of the following criteria.

1. It is a point source that uses or proposes to use a cooling water intake structure.

2. It has at least one cooling water intake structure that uses at least 25 percent of the water it withdraws for cooling purposes as specified in Subsection C of this Section.

3. It has a design intake flow greater than 2 million gallons per day (MGD).

B. Use of a cooling water intake structure includes obtaining cooling water by any sort of contract or arrangement with an independent supplier (or multiple suppliers) of cooling water if the supplier or suppliers withdraw water from waters of the United States. Use of cooling water does not include obtaining cooling water from a public water system or the use of treated effluent that otherwise would be discharged to a water of the U.S.

C. The threshold requirement that at least 25 percent of water withdrawn be used for cooling purposes must be measured on an average monthly basis. A new offshore oil and gas extraction facility meets the 25 percent cooling water threshold if, based on the new facility's design, any monthly average over a year for the percentage of cooling water withdrawn is expected to equal or exceed 25 percent of the total water withdrawn.

D. Neither this Subchapter nor Subchapter A of this Chapter applies to seafood processing vessels or offshore liquefied natural gas import terminals that are *new facilities* as defined in LAC 33:IX.4707. Seafood processing vessels and offshore liquefied natural gas import terminals must meet requirements established by the administrative authority on a case-by-case, best professional judgment (BPJ) basis.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2071 (October 2007).

§4765. When must I comply with this Subchapter?

A. You must comply with this Subchapter when an LPDES permit containing requirements consistent with this Subchapter is issued to you.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2071 (October 2007).

§4767. What special definitions apply to this Subchapter?

A. In addition to the definitions set forth in LAC 33:IX.4707, the following special definitions apply to this Subchapter.

Cooling Water—water used for contact or noncontact cooling, including water used for equipment cooling, evaporative cooling tower makeup, and dilution of effluent heat content. The intended use of the *cooling water* is to absorb waste heat rejected from the process or processes used or from auxiliary operations on the facility's premises. *Cooling water* that is used in another industrial process either before or after it is used for cooling is considered process water rather than *cooling water* for the purposes of calculating the percentage of a new offshore oil and gas extraction facility's intake flow that is used for cooling purposes in accordance with LAC 33:IX.4763.C.

Existing Facility—any facility that commenced construction as described in 40 CFR 122.29(b)(4) on or before January 17, 2002 (or July 17, 2006, for an offshore oil and gas extraction facility), and any modification of, or any addition of, a unit at such a facility that does not meet the definition of a *new facility* in LAC 33:IX.4707.

Fixed Facility—a bottom-founded offshore oil and gas extraction facility permanently attached to the seabed or subsoil of the outer continental shelf (e.g., platforms, guyed towers, articulated gravity platforms) or a buoyant facility securely and substantially moored so that it cannot be moved without a special effort (e.g., tension leg platforms, permanently moored semi-submersibles) and which is not intended to be moved during the production life of the well. This definition does not include mobile offshore drilling units (MODUs) (e.g., drill ships, temporarily moored semi-submersibles, jack-ups, submersibles, tender-assisted rigs, and drill barges).

Minimum Ambient Source Water Surface Elevation—the mean low tidal water level for estuaries or oceans. The mean low tidal water level is the average height of the low water over at least 19 years.

New Offshore Oil and Gas Extraction Facility—any building, structure, facility, or installation that meets the definition of a *new facility* in LAC 33:IX.4707 and is regulated by the Offshore or Coastal Subcategories of the Oil and Gas Extraction Point Source Category Effluent Guidelines incorporated by reference in LAC 33:IX.4903, but only if it commences construction after July 17, 2006.

Offshore Liquefied Natural Gas (LNG) Import Terminal—any facility located in waters defined in the federal regulations incorporated by reference in LAC 33:IX.4903 that liquefies, re-gasifies, transfers, or stores liquefied natural gas.

Sea Chest—the underwater compartment or cavity within the facility or vessel hull or pontoon through which sea water is drawn in (for cooling and other purposes) or discharged.

Seafood Processing Vessel—any offshore or nearshore, floating, mobile facility engaged in the processing of fresh, frozen, canned, smoked, salted, or pickled seafood or seafood paste, mince, or meal.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2071 (October 2007).

§4769. As an owner or operator of a new offshore oil and gas extraction facility, what must I do to comply with this Subchapter?

A. Applicability

1. The owner or operator of a new offshore oil and gas extraction facility must comply with:

a. the Track I requirements in Subsection B or the Track II requirements in Subsection C of this Section, if it is a fixed facility; or

b. the Track I requirements in Subsection B of this Section, if it is not a fixed facility.

2. In addition to meeting the requirements in Subsection B or C of this Section, the owner or operator of a new offshore oil and gas extraction facility may be required to comply with Subsection D of this Section.

B. Track I Requirements for New Offshore Oil and Gas Extraction Facilities

1. New offshore oil and gas extraction facilities that are fixed facilities shall:

a. comply with all of the requirements in Paragraphs B.3-9 of this Section if they do not employ sea chests as cooling water intake structures; or

b. comply with the requirements in Paragraphs B.3, 4, 5, 7, 8, and 9 of this Section if they employ sea chests.

2. New offshore oil and gas extraction facilities that are not fixed facilities must comply with the requirements in Paragraphs B.3, 5, 7, 8, and 9 of this Section.

3. You must design and construct each cooling water intake structure at your facility to a maximum through-screen design intake velocity of 0.5 ft/s.

4. For cooling water intake structures located in an estuary or tidal river, the total design intake flow over one tidal cycle of ebb and flow must be no greater than 1 percent of the volume of the water column within the area centered about the opening of the intake with a diameter defined by the distance of one tidal excursion at the mean low water level.

5. You must select and implement design and construction technologies or operational measures for minimizing impingement mortality of fish and shellfish if the administrative authority determines that:

a. there are threatened or endangered or otherwise protected federal, state, or tribal species, or critical habitat for these species, within the hydraulic zone of influence of the cooling water intake structure; or

b. based on information submitted by any fishery management agency or other relevant information, there are migratory and/or sport or commercial species of impingement concern to the administrative authority that

pass through the hydraulic zone of influence of the cooling water intake structure; or

c. based on information submitted by any fishery management agency or other relevant information, the proposed facility, after meeting the technology-based performance requirements in Paragraphs B.3 and 6 of this Section, would still contribute unacceptable stress to the protected species, or critical habitat of those species, or species of concern.

6. You must select and implement design and construction technologies or operational measures for minimizing entrainment of entrainable life stages of fish and shellfish.

7. You must submit the applicable application information required in LAC 33:IX.2501.R and 4773.B. If you are a fixed facility, you must submit the information required in LAC 33:IX.2501.R.2 (except 2.d), 3, and 4 and 4773.B as part of your application. If you are a not a fixed facility, you must only submit the information required in LAC 33:IX.2501.R.2.d and 3 (except 3.b) and 4773.B as part of your application.

8. You must implement the monitoring requirements specified in LAC 33:IX.4775.

9. You must implement the recordkeeping requirements specified in LAC 33:IX.4777.

C. Track II Requirements for New Offshore Oil and Gas Extraction Facilities. The owner or operator of a new offshore oil and gas extraction facility that is a fixed facility and chooses to comply under Track II must comply with the following requirements.

1. You must demonstrate to the administrative authority that the technologies employed will reduce the level of adverse environmental impact from your cooling water intake structures to a comparable level to that which you would achieve were you to implement the applicable requirements of Paragraph B.3 of this Section and, if your facility is a fixed facility without a sea chest, also Paragraph B.6 of this Section. This demonstration must include a showing that the impacts to fish and shellfish, including important forage and predator species, will be comparable to those which would result if you were to implement the requirements of Paragraph B.3 of this Section and, if your facility is a fixed facility without a sea chest, also Paragraph B.6 of this Section. In identifying such species, the administrative authority may consider information provided by any fishery management agency along with data and information from other sources.

2. For cooling water intake structures located in an estuary or tidal river, the total design intake flow over one tidal cycle of ebb and flow must be no greater than 1 percent of the volume of the water column within the area centered about the opening of the intake with a diameter defined by the distance of one tidal excursion at the mean low water level.

3. You must submit the applicable information required in LAC 33:IX.2501.R.2 (except 2.d), 3, and 4 and 4773.C.

4. You must implement the monitoring requirements specified in LAC 33:IX.4775.

5. You must implement the recordkeeping requirements specified in LAC 33:IX.4777.

D. You must comply with any more stringent requirements relating to the location, design, construction, and capacity of a cooling water intake structure or monitoring requirements at a new offshore oil and gas extraction facility that the administrative authority deems are reasonably necessary to comply with any provision of federal or state law, including compliance with applicable state water quality standards (including designated uses, criteria, and antidegradation requirements).

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2072 (October 2007).

§4771. May alternative requirements be authorized?

A. Any interested person may request that alternative requirements less stringent than those specified in LAC 33:IX.4769 be imposed in the permit. The administrative authority may establish alternative requirements less stringent than the requirements in LAC 33:IX.4769 only if:

1. there is an applicable requirement in LAC 33:IX.4769;

2. the administrative authority determines that data specific to the facility indicate that compliance with the requirement at issue would result in compliance costs wholly out of proportion to the costs EPA considered in establishing the requirement at issue or would result in significant adverse impacts on local water resources other than impingement or entrainment or significant adverse impacts on energy markets;

3. the alternative requirement requested is no less stringent than justified by the wholly-out-of-proportion cost or the significant adverse impacts on local water resources other than impingement or entrainment, or significant adverse impacts on energy markets; and

4. the alternative requirement will ensure compliance with other applicable provisions of the Clean Water Act and any applicable requirement of federal or state law.

B. The burden is on the person requesting the alternative requirement to demonstrate that the alternative requirement should be authorized.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2073 (October 2007).

§4773. As an owner or operator of a new offshore oil and gas extraction facility, what must I collect and submit when I apply for my new or reissued LPDES permit?

A. General Application Requirements

1. As an owner or operator of a new offshore oil and gas extraction facility, you must submit to the administrative authority a statement that you intend to comply with either:

a. the Track I requirements for new offshore oil and gas extraction facilities in LAC 33:IX.4769.B; or

b. if you are a fixed facility, the Track II requirements in LAC 33:IX.4769.C.

2. You must also submit the application information required by LAC 33:IX.2501.R and the information required in either Subsection B of this Section for Track I or, if you are a fixed facility that chooses to comply under Track II, Subsection C of this Section when you apply for a new or reissued LPDES permit in accordance with LAC 33:IX.2501.

B. Track I Application Requirements. To demonstrate compliance with Track I requirements in LAC 33:IX.4769.B, you must collect and submit to the administrative authority the information in Paragraphs B.1-3 of this Section.

1. Velocity Information. You must submit the following information to the administrative authority to demonstrate that you are complying with the requirement to meet a maximum through-screen design intake velocity of no more than 0.5 ft/s at each cooling water intake structure as required in LAC 33:IX.4769.B.3:

a. a narrative description of the design, structure, equipment, and operation used to meet the velocity requirement; and

b. design calculations showing that the velocity requirement will be met at minimum ambient source water surface elevations (based on best professional judgment using available hydrological data) and maximum head loss across the screens or other device.

2. Source Water Body Flow Information. If you are a fixed facility and your cooling water intake structure is located in an estuary or tidal river, you must provide the mean low water tidal excursion distance and any supporting documentation and engineering calculations to show that your cooling water intake structure facility meets the flow requirements in LAC 33:IX.4769.B.4.

3. Design and Construction Technology Plan. To comply with LAC 33:IX.4769.B.5 and/or 6, if applicable, you must submit to the administrative authority the following information in a design and construction technology plan:

a. if the administrative authority determines that additional impingement requirements should be included in your permit:

i. information to demonstrate whether you meet the criteria in LAC 33:IX.4769.B.5;

ii. delineation of the hydraulic zone of influence for your cooling water intake structure; and

b. if required to install design and construction technologies and/or operational measures in accordance with LAC 33:IX.4769.B.5 or 6, a plan explaining the technologies and measures you have selected. (Examples of appropriate technologies include, but are not limited to, increased opening to cooling water intake structure to decrease design intake velocity, wedgewire screens, fixed screens, velocity caps, location of cooling water intake opening in water body, etc. Examples of appropriate operational measures include, but are not limited to, seasonal shutdowns or reductions in flow, continuous operations of screens, etc.) The plan must contain the following information, if applicable:

i. a narrative description of the design and operation of the design and construction technologies, including fish-handling and return systems, that you will use to maximize the survival of those species expected to be most susceptible to impingement. Provide species-specific information that demonstrates the efficacy of the technology;

ii. to demonstrate compliance with LAC 33:IX.4769.B.6, if applicable, a narrative description of the design and operation of the design and construction technologies that you will use to minimize entrainment of those species expected to be the most susceptible to entrainment. Provide species-specific information that demonstrates the efficacy of the technology; and

iii. design calculations, drawings, and estimates to support the descriptions provided in Clauses B.3.b.i and ii of this Section.

C. Track II Application Requirements. If you are a fixed facility and have chosen to comply with the requirements of Track II in LAC 33:IX.4769.C, you must collect and submit to the administrative authority the following information.

1. Source Water Body Flow Information. If your cooling water intake structure is located in an estuary or tidal river, you must provide the mean low water tidal excursion distance and any supporting documentation and engineering calculations to show that your cooling water intake structure facility meets the flow requirements in LAC 33:IX.4769.C.2.

2. Track II Comprehensive Demonstration Study. You must perform and submit the results of a comprehensive demonstration study (study). This information is required to characterize the source water baseline in the vicinity of the cooling water intake structure(s), characterize operation of the cooling water intake(s), and confirm that the technology(ies) proposed and/or implemented at your cooling water intake structure reduces the impacts to fish and shellfish to levels comparable to those you would achieve were you to implement the applicable requirements in LAC 33:IX.4769.B.

a. To meet the comparable-level requirement, you must demonstrate that:

i. you have reduced impingement mortality of all life stages of fish and shellfish to 90 percent or greater of the reduction that would be achieved through the applicable requirements in LAC 33:IX.4769.B.3; and

ii. if you are a facility without sea chests, you have minimized entrainment of entrainable life stages of fish and shellfish to 90 percent or greater of the reduction that would have been achieved through the applicable requirements in LAC 33:IX.4769.B.6.

b. You must develop and submit a plan to the administrative authority containing a proposal for how information will be collected to support the study. The plan must include:

i. a description of the proposed and/or implemented technology(ies) to be evaluated in the study;

ii. a list and description of any historical studies characterizing the physical and biological conditions in the vicinity of the proposed or actual intakes and their relevancy to the proposed study. If you propose to rely on existing source water body data, the data must be no more than 5 years old, you must demonstrate that the existing data are sufficient to develop a scientifically valid estimate of potential impingement mortality and (if applicable) entrainment impacts, and you must provide documentation showing that the data were collected using appropriate quality assurance/quality control procedures;

iii. any public participation or consultation with federal or state agencies undertaken in developing the plan; and

iv. a sampling plan for data that will be collected using actual field studies in the source water body. The sampling plan must document all methods and quality assurance procedures for sampling and data analysis. The sampling and data analysis methods you propose must be appropriate for a quantitative survey and based on consideration of methods used in other studies performed in the source water body. The sampling plan must include a description of the study area (including the area of influence of the cooling water intake structure and at least 100 meters beyond), taxonomic identification of the sampled or evaluated biological assemblages (including all life stages of fish and shellfish), and sampling and data analysis methods.

c. You must submit documentation of the results of the study to the administrative authority. Documentation of the results of the study must include the following information.

i. Source Water Biological Study. The source water biological study must include:

(a). a taxonomic identification and characterization of aquatic biological resources including a summary of historical and contemporary aquatic biological resources, a determination and description of the target populations of concern (those species of fish and shellfish and all life stages that are most susceptible to impingement and entrainment), and a description of the abundance and temporal/spatial characterization of the target populations based on the collection of multiple years of data to capture the seasonal and daily activities (e.g., spawning, feeding, and water column migration) of all life stages of fish and shellfish found in the vicinity of the cooling water intake structure;

(b). an identification of all threatened or endangered species that might be susceptible to impingement and entrainment by the proposed cooling water intake structure(s); and

(c). a description of additional chemical, water quality, and other anthropogenic stresses on the source water body.

ii. Evaluation of Potential Cooling Water Intake Structure Effects. This evaluation must include:

(a). calculations of the reduction in impingement mortality and (if applicable) entrainment of all life stages of fish and shellfish that would need to be achieved by the technologies you have selected to implement to meet requirements under Track II. To do this, you must determine the reduction in impingement mortality and entrainment that would be achieved by implementing the requirements in LAC 33:IX.4769.B.3 and, for facilities without sea chests, LAC 33:IX.4769.B.6 of Track I at your site;

(b). an engineering estimate of efficacy for the proposed and/or implemented technologies used to minimize impingement mortality and (if applicable) entrainment of all life stages of fish and shellfish and maximize survival of impinged life stages of fish and shellfish. You must demonstrate that the technologies reduce impingement mortality and (if applicable) entrainment of all life stages of fish and shellfish to a comparable level to that which you would achieve were you to implement the requirements in LAC 33:IX.4769.B.3 and, for facilities without sea chests, LAC 33:IX.4769.B.6 of Track I. The efficacy projection must include a site-specific evaluation of technology(ies) suitability for reducing impingement mortality and (if applicable) entrainment based on the results of the source water biological study conducted in accordance with Clause C.2.c.i of this Section. Efficacy estimates may be determined based on case studies that have been conducted in the vicinity of the cooling water intake structure and/or site-specific technology prototype studies.

iii. Verification Monitoring Plan. You must include in the study a plan to conduct, at a minimum, two years of monitoring to verify the full-scale performance of the proposed or implemented technologies and/or operational measures. The verification study must begin at the start of operations of the cooling water intake structure and continue for a sufficient period of time to demonstrate that the facility is reducing the level of impingement mortality and (if applicable) entrainment to the level documented in Clause C.2.c.i of this Section. The plan must describe the frequency of monitoring and the parameters to be monitored. The administrative authority will use the verification monitoring

to confirm that you are meeting the level of impingement mortality and entrainment reduction required in LAC 33:IX.4769.C and that the operation of the technology has been optimized.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2073 (October 2007).

§4775. As an owner or operator of a new offshore oil and gas extraction facility, must I perform monitoring?

A. As an owner or operator of a new offshore oil and gas extraction facility, you will be required to perform monitoring to demonstrate your compliance with the requirements specified in LAC 33:IX.4769 or alternative requirements in LAC 33:IX.4771.

B. Biological Monitoring

1. Facility Requirements

a. Fixed facilities without sea chests that choose to comply with the Track I requirements in LAC 33:IX.4769.B.1 must monitor for entrainment. These facilities are not required to monitor for impingement, unless the administrative authority determines that the information would be necessary to evaluate the need for, or compliance with, additional requirements in accordance with LAC 33:IX.4769.B.5 or more stringent requirements in accordance with LAC 33:IX.4769.D.

b. Fixed facilities with sea chests that choose to comply with the Track I requirements in LAC 33:IX.4769.B.1 are not required to perform biological monitoring unless the administrative authority determines that the information would be necessary to evaluate the need for, or compliance with, additional requirements in accordance with LAC 33:IX.4769.B.5 or more stringent requirements in accordance with LAC 33:IX.4769.D.

c. Facilities that are not fixed facilities are not required to perform biological monitoring unless the administrative authority determines that the information would be necessary to evaluate the need for, or compliance with, additional requirements in accordance with LAC 33:IX.4769.B.5 or more stringent requirements in accordance with LAC 33:IX.4769.D.

d. Fixed facilities with sea chests that choose to comply with the Track II requirements in LAC 33:IX.4769.C must monitor for impingement only. Fixed facilities without sea chests that choose to comply with Track II requirements must monitor for both impingement and entrainment.

2. Monitoring must characterize the impingement rates and (if applicable) entrainment rates of commercial, recreational, and forage base fish and shellfish species identified in the source water baseline biological characterization data required by LAC 33:IX.2501.R.4, identified in the comprehensive demonstration study required by LAC 33:IX.4773.C.2, or as specified by the administrative authority.

3. The monitoring methods used must be consistent with those used for the source water baseline biological characterization data required in LAC 33:IX.2501.R.4, those used by the comprehensive demonstration study required by LAC 33:IX.4773.C.2, or as specified by the administrative authority. You must follow the monitoring frequencies in Paragraphs B.4 and 5 of this Section for at least two years after the initial permit issuance. After that time, the administrative authority may approve a request for less frequent sampling in the remaining years of the permit term and when the permit is reissued, if supporting data show that less frequent monitoring would still allow for the detection of any seasonal variations in the species and numbers of individuals of those species that are impinged or entrained.

4. Impingement Sampling. You must collect samples to monitor impingement rates (simple enumeration) for each species over a 24-hour period and no less than once per month when the cooling water intake structure is in operation.

5. Entrainment Sampling. If your facility is subject to the requirements of LAC 33:IX.4769.B.1.a, or if your facility is subject to LAC 33:IX.4769.C and is a fixed facility without a sea chest, you must collect samples to monitor entrainment rates (simple enumeration) for each species over a 24-hour period and no less than biweekly during the primary period of reproduction, larval recruitment, and peak abundance identified during the source water baseline biological characterization required by LAC 33:IX.2501.R.4 or the comprehensive demonstration study required in LAC 33:IX.4773.C.2. You must collect samples only when the cooling water intake structure is in operation.

C. Velocity Monitoring. If your facility uses a surface intake screen system, you must monitor head loss across the screens and correlate the measured value with the design intake velocity. The head loss across the intake screen must be measured at the minimum ambient source water surface elevation (best professional judgment based on available hydrological data). The maximum head loss across the screen for each cooling water intake structure must be used to determine compliance with the velocity requirement in LAC 33:IX.4769.B.3. If your facility uses devices other than surface intake screens, you must monitor velocity at the point of entry through the device. You must monitor head loss or velocity during initial facility startup and, thereafter, at the frequency specified in your LPDES permit, but no less than once per quarter.

D. Visual or Remote Inspections. You must either conduct visual inspections or employ remote monitoring devices during the period the cooling water intake structure is in operation. You must conduct visual inspections at least weekly to ensure that any design and construction technologies required in LAC 33:IX.4769.B.5, B.6, C, and/or D are maintained and operated to ensure that they will continue to function as designed. Alternatively, you

must inspect via remote monitoring devices to ensure that the impingement and entrainment technologies are functioning as designed.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2075 (October 2007).

§4777. As an owner or operator of a new offshore oil and gas extraction facility, must I keep records and report?

A. As an owner or operator of a new offshore oil and gas extraction facility you are required to keep records and report information and data to the administrative authority as follows.

1. You must keep records of all the data used to complete the permit application and show compliance with the requirements, any supplemental information developed under LAC 33:IX.4773, and any compliance monitoring data submitted under LAC 33:IX.4775, for a period of at least three years from the date of permit issuance. The administrative authority may require that these records be kept for a longer period.

2. You must provide the following to the administrative authority in a yearly status report:

a. for fixed facilities, biological monitoring records for each cooling water intake structure as required by LAC 33:IX.4775.B;

b. velocity and head loss monitoring records for each cooling water intake structure as required by LAC 33:IX.4775.C; and

c. records of visual or remote inspections as required in LAC 33:IX.4775.D.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2076 (October 2007).

§4779. What must the administrative authority do to comply with the requirements of this Subchapter?

A. Permit Application. The administrative authority must review materials submitted by the applicant in accordance with LAC 33:IX.2501.R, 4771, and 4773 at the time of the initial permit application and before each permit renewal or reissuance.

1. After receiving the initial permit application from the owner or operator of a new offshore oil and gas extraction facility, the administrative authority must determine applicable standards in LAC 33:IX.4769 or 4771 to apply to the new offshore oil and gas extraction facility. In addition, the administrative authority must review materials to determine compliance with the applicable standards.

2. For each subsequent permit renewal, the administrative authority must review the application materials and monitoring data to determine whether requirements, or additional requirements, for design and construction technologies or operational measures should be included in the permit.

3. For Track II facilities, the administrative authority must review the information collection proposal plan required by LAC 33:IX.4773.C.2.b. The facility may initiate sampling and data collection activities prior to receiving comment from the administrative authority.

B. Permitting Requirements. Section 316(b) requirements of the CWA are implemented for a facility through an LPDES permit. The administrative authority must determine, based on the information submitted by the new offshore oil and gas extraction facility in its permit application, the appropriate requirements and conditions to include in the permit based on the track (Track I or Track II), or alternative requirements in accordance with LAC 33:IX.4771, the new offshore oil and gas extraction facility has chosen to comply with. The following requirements must be included in each permit.

1. Cooling Water Intake Structure Requirements. At a minimum, the permit conditions must include the performance standards that implement the applicable requirements of LAC 33:IX.4769.B.3-6 and C.1 and 2 or LAC 33:IX.4771.

a. For a facility that chooses Track I, the administrative authority must review the design and construction technology plan required in LAC 33:IX.4773.B.3 to evaluate the suitability and feasibility of the technology proposed to minimize impingement mortality and (if applicable) entrainment of all life stages of fish and shellfish. In the first permit issued, the administrative authority must include a condition requiring the facility to reduce impingement mortality and/or entrainment commensurate with the implementation of the technologies in the permit. Under subsequent permits, the administrative authority must review the performance of the technologies implemented and require additional or different design and construction technologies, if needed, to minimize impingement mortality and/or entrainment of all life stages of fish and shellfish. In addition, the administrative authority must consider whether more stringent conditions are reasonably necessary in accordance with LAC 33:IX.4769.D.

b. For a fixed facility that chooses Track II, the administrative authority must review the information submitted with the comprehensive demonstration study required in LAC 33:IX.4773.C.2 and evaluate the suitability of the proposed design and construction technology and/or operational measures to determine whether they will reduce both impingement mortality and entrainment of all life stages of fish and shellfish to 90 percent or greater of the reduction that could be achieved through Track I. In addition, the administrative authority must review the verification monitoring plan required in

LAC 33:IX.4773.C.2.c.iii and require that the proposed monitoring begin at the start of operations of the cooling water intake structure and continue for a sufficient period of time to demonstrate that the technologies and operational measures meet the requirements in LAC 33:IX.4769.C.1. Under subsequent permits, the administrative authority must review the performance of the additional and/or different technologies or measures used and determine that they reduce the level of adverse environmental impact from the cooling water intake structures to a comparable level that the facility would achieve were it to implement the requirements of LAC 33:IX.4769.B.3 and, if applicable, LAC 33:IX.4769.B.6.

c. If a facility requests alternative requirements in accordance with LAC 33:IX.4771, the administrative authority must determine if data specific to the facility meet the requirements in LAC 33:IX.4771.A and include requirements in the permit that are no less stringent than justified by the wholly-out-of-proportion cost or the significant adverse impacts on local water resources other than impingement or entrainment, or significant adverse impacts on energy markets.

2. Monitoring Conditions. At a minimum, the permit must require the permittee to perform the monitoring required in LAC 33:IX.4775. The administrative authority may modify the monitoring program when the permit is reissued and during the term of the permit based on changes in physical or biological conditions in the vicinity of the cooling water intake structure. The administrative authority may require continued monitoring based on the results of monitoring done pursuant to the verification monitoring plan required in LAC 33:IX.4773.C.2.c.iii.

3. Recordkeeping and Reporting. At a minimum, the permit must require the permittee to report and keep records as required by LAC 33:IX.4777.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2076 (October 2007).

Chapter 57. Toxic Pollutant Effluent Standards and Prohibitions

§5709. Compliance

A.1.Within 60 days from the date of promulgation of any toxic pollutant effluent standard or prohibition each owner or operator with a discharge subject to that standard or prohibition must notify the Office of Environmental Services of such discharge. Such notification shall include such information and follow such procedures as the state administrative authority may require.

A.2. – G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2555 (November 2000), repromulgated LR 27:191 (February 2001), LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2514 (October 2005), LR 33:2169 (October 2007).

Chapter 61. General Pretreatment Regulations for Existing and New Sources of Pollution

§6113. Removal Credits

A. – E.7. ...

F. Continuation and Withdrawal of Authorization

1. Effect of Authorization. Once a POTW has received authorization to grant removal credits for a particular pollutant regulated in a categorical pretreatment standard it may automatically extend that removal credit to the same pollutant when it is regulated in other categorical standards, unless granting the removal credit will cause the POTW to violate the sludge requirements identified in Subparagraph A.3.d of this Section or its LPDES permit limits and conditions as required by Subparagraph A.3.e of this Section. If a POTW elects at a later time to extend removal credits to a certain categorical pretreatment standard, industrial subcategory or one or more industrial users that initially were not granted removal credits, it must notify the Office of Environmental Services.

F.2. – H.2.b. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2555 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2514 (October 2005), LR 32:1035 (June 2006), LR 33:2169 (October 2007).

§6117. POTW Pretreatment Programs and/or Authorization to Revise Pretreatment Standards: Submission for Approval

A. Who Approves Program. A POTW requesting approval of a POTW pretreatment program shall develop a program description that includes the information set forth in Paragraphs B.1-4 of this Section. This description shall be submitted to the Office of Environmental Services, which will make a determination on the request for program approval in accordance with the procedures described in LAC 33:IX.6121.

B. – D. ...

E. Approval Authority Action. Any POTW requesting POTW pretreatment program approval shall submit to the Office of Environmental Services three copies of the submission described in Subsection B of this Section, and, if appropriate, Subsection D of this Section. Within 60 days after receiving the submission, the Office of Environmental Services shall make a preliminary determination of whether

the submission meets the requirements of Subsection B of this Section and, if appropriate, Subsection D of this Section. If the approval authority makes the preliminary determination that the submission meets these requirements, the approval authority shall:

E.1. – G.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2555 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2514 (October 2005), LR 33:2170 (October 2007).

§6121. Approval Procedures for POTW Pretreatment Programs and POTW Granting of Removal Credits

The following procedures shall be adopted in approving or denying requests for approval of POTW Pretreatment Programs and applications for removal credit authorization.

A. – B.1.a.ii. ...

b. the public notice shall provide a period of not less than 30 days following the date of the public notice during which time interested persons may submit their written views on the submission to the Office of Environmental Services; and

B.1.c. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 25:1093 (June 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2556 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2514 (October 2005), LR 33:2170 (October 2007).

§6123. Reporting Requirements for POTWs and Industrial Users

A. – G.1. ...

2. If sampling performed by an industrial user indicates a violation, the user shall notify the Office of Environmental Services within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the control authority within 30 days after becoming aware of the violation. Where the control authority has performed the sampling and analysis in lieu of the industrial user, the control authority must perform the repeat sampling and analysis unless it notifies the user of the violation and requires the user to perform the repeat analysis. Resampling is not required if:

G.2.a. – K.2. ...

3. Not later than 14 days following each date in the schedule and the final date for compliance, the POTW shall submit a progress report to the Office of Environmental Services, including, at a minimum, whether or not it complied with the increment of progress to be met on such date and, if not, the date on which it expects to comply with this increment of progress, the reason for delay, and the steps taken by the POTW to return to the schedule established. In no event shall more than nine months elapse between such progress reports to the Office of Environmental Services.

L. – Q, Certification. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 24:2122 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2556 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2514 (October 2005), LR 32:1038 (June 2006), LR 33:2170 (October 2007).

§6125. Variances from Categorical Pretreatment Standards for Fundamentally Different Factors

A. – F. ...

G. Application Deadline

1. Requests for a variance and supporting information must be submitted in writing to the Office of Environmental Services or to the administrator (or his delegate), as appropriate.

G.2. – J.1.c. ...

2. The public notice shall provide for a period not less than 30 days following the date of the public notice during which time interested persons may review the request and submit their written views on the request to the Office of Environmental Services.

J.3. – L.2.b.iv. ...

c. notify the Office of Environmental Services and the POTW of his or her determination; and

L.2.d. – M.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2556 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2515 (October 2005), LR 33:2170 (October 2007).

§6135. Modification of POTW Pretreatment Programs

A. – B.1.g. ...

C. Approval Procedures for Substantial Modifications

1. The POTW shall submit to the Office of Environmental Services a statement of the basis for the desired program modification, a modified program

description (see LAC 33:IX.6117.B), or such other documents the approval authority determines to be necessary under the circumstances.

2. – 4. ...

D. Approval Procedures for Nonsubstantial Modifications

1. The POTW shall notify the Office of Environmental Services of any other (i.e., nonsubstantial) modifications to its pretreatment program at least 45 days prior to when they are to be implemented by the POTW, in a statement similar to that provided for in Paragraph C.1 of this Section.

D.2. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended LR 24:2122 (November 1998), LR 25:1093 (June 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2556 (November 2000), repromulgated LR 30:232 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2515 (October 2005), LR 33:2171 (October 2007).

Chapter 65. Additional Requirements Applicable to the LPDES Program

§6507. Enforcement Actions

A. – A.6. ...

B. Exception. In cases where the application is withdrawn by the applicant, a written notification shall be provided to the Office of Environmental Services stating that no discharge or other activity that would require a permit from the Office of Environmental Services is currently taking place. Provided that the application was not made in response to previous enforcement action, the applicant is then exempt from enforcement action for causes listed under Paragraphs A.3 and 4 of this Section.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(3) and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Water Resources, LR 21:945 (September 1995), amended by the Water Pollution Control Division, LR 23:726 (June 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2557 (November 2000), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2515 (October 2005), LR 33:2171 (October 2007).

NOTE: Former Chapter 69 has moved to Subpart 3, Chapter 73.

NOTE: §6901 has moved to §7301.

NOTE: §6903 has moved to §7303.

NOTE: §6905 has moved to §7305.

NOTE: §6907 has moved to §7307.

NOTE: §6909 has moved to §7309.

NOTE: §6911 has moved to §7311.

NOTE: §7131 has moved to §7397.

NOTE: §7133 has moved to §7399.

NOTE: §7135 has moved to §7395.

Subpart 3. Louisiana Sewage Sludge and Biosolids Program

Chapter 73. Standards for the Use or Disposal of Sewage Sludge and Biosolids

[Formerly Chapter 69]

Subchapter A. Program Requirements

§7301. General Provisions [Formerly §6901]

A. Purpose and Applicability

1. Purpose

a. This Chapter establishes standards for the use or disposal of sewage sludge generated during the treatment of domestic sewage in a treatment works and of domestic septage (hereafter referred to collectively as *sewage sludge* for the purposes of this Chapter), biosolids, and grease that was pumped or removed from a food service facility and mixed with sewage sludge.

b. The standards established in this Chapter include:

i. general requirements and other requirements for bulk biosolids, general management practices and other management practices for bulk biosolids, pollutant limits, pathogen and vector attraction reduction requirements, and optional standards;

ii. sampling and monitoring requirements, recordkeeping and reporting requirements, specific exclusions, and prohibitions and restrictions regarding the use and disposal of sewage sludge and biosolids; and

iii. the siting, operation, and financial assurance requirements for commercial preparers of sewage sludge or land appliers of biosolids.

c. This Chapter establishes requirements for the person who prepares sewage sludge that is disposed in a landfill.

d. In addition, this Chapter contains specific prohibitions and restrictions regarding the use and disposal of sewage sludge and biosolids.

2. Applicability

a. This Chapter applies to any person who:

i. prepares sewage sludge or biosolids, including the dewatering and solidification of sewage sludge;

ii. applies biosolids to the land;

iii. prepares sewage sludge, including the dewatering and solidification of sewage sludge, that is disposed in a landfill;

iv. owns/operates a surface disposal site; and

v. owns/operates a sewage sludge incinerator.

b. This Chapter also applies to:

i. biosolids that are applied to the land and sewage sludge that is disposed at a surface disposal site or at a landfill;

ii. sewage sludge fired in a sewage sludge incinerator, a sewage sludge incinerator and the exit gas from a sewage sludge incinerator, land where biosolids are applied, and a surface disposal site; and

iii. grease that is pumped or removed from a food service facility and is mixed with sewage sludge.

B. General Definitions. The following terms used in this Chapter shall have the meanings listed below, unless the context clearly indicates otherwise, or the term is specifically redefined in a particular Section.

Administrative Authority—the Secretary of the Department of Environmental Quality or his designee or the appropriate assistant secretary or his designee.

Air Operations Area—any area of an airport used or intended to be used for landing, takeoff, or surface maneuvering of aircraft. *Air operations areas* include paved areas or unpaved areas that are used or intended to be used for the unobstructed movement of aircraft, in addition to its associated runways, taxiways, or aprons.

Apply Biosolids or *Biosolids Applied to the Land*—land application of biosolids.

Base Flood—a flood that has a 1 percent chance of occurring in any given year (i.e., a flood with a magnitude equaled once in 100 years).

Beneficial Use—the use of biosolids for the purpose of soil conditioning or crop or vegetative fertilization in a manner that does not pose a danger of adverse effects upon human health or the environment or cause any deterioration of land surfaces, soils, surface waters, or groundwater.

Biosolids—sewage sludge, or material derived from sewage sludge, that is nonhazardous, has a PCB concentration of less than 50 mg/kg of total solids (dry weight), and is prepared to meet one of the pollutant requirements of LAC 33:IX.7303.E, one of the pathogen requirements in LAC 33:IX.7309.C, and one of the vector attraction reduction requirements in LAC 33:IX.7309.D.

Bulk Biosolids—biosolids that are not sold or given away in a bag or other container for application to the land.

Class B Biosolids—biosolids that do not meet one or more of the following requirements:

a. the pollutant concentrations in Table 3 of LAC 33:IX.7303.E;

b. the pathogen requirements in LAC 33:IX.7309.C.1;

c. one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e; and/or

d. a PCB concentration of less than 10 mg/kg of total solids (dry weight basis).

Class I Sludge Management Facility—for the purposes of this Chapter:

a. any *publicly owned treatment works (POTW)* or *privately owned sanitary wastewater treatment facility (POSWTF)*, as defined in this Subsection, regardless of its ownership, that is used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage;

b. any person who prepares sewage sludge or biosolids, including a commercial preparer of sewage sludge and pumper of sewage sludge who prepares sewage sludge or biosolids;

c. an owner/operator of a sewage sludge incinerator; and

d. an applier of biosolids to the land, including a commercial land applier of biosolids.

Commercial Preparer of Sewage Sludge—any person who prepares sewage sludge for monetary profit or other financial consideration and either the person is not the generator of the sewage sludge or the sewage sludge was obtained from a facility or facilities not owned by or associated with the applier.

Commercial Land Applier of Biosolids—any person who applies biosolids to the land for monetary profit or other financial consideration and the biosolids were obtained from a facility or facilities not owned by or associated with the person.

Container—any stationary or portable device in which sewage sludge or biosolids are stored or transported.

Contaminate an Aquifer—to introduce a substance that causes the maximum contaminant level for nitrate in 40 CFR 141.62(b) to be exceeded in the groundwater, or that causes the existing concentration of nitrate in groundwater to increase when the existing concentration exceeds the maximum contaminant level for nitrate in 40 CFR 141.62(b).

Cover Crop—a small grain crop, such as oats, wheat, or barley, not grown for harvest.

Domestic Septage—liquid or solid material removed from a septic tank, holding tank or similar device, cesspool, portable toilet, Type III marine sanitation device, or similar treatment works that receives only domestic sewage. *Domestic septage* does not include liquid or solid material removed from a septic tank, holding tank or similar device, cesspool, or similar treatment works that receives either commercial wastewater or industrial wastewater, and does not include grease removed from a grease trap at a *food service facility*, as defined in this Subsection.

Domestic Sewage—waste and wastewater from humans or household operations that is discharged to or otherwise enters a treatment works.

Dry Weight Basis—calculated on the basis of having been dried at 105°C until reaching a constant mass (i.e., essentially 100 percent solids content).

Exceptional Quality Biosolids—biosolids that are nonhazardous and meet the ceiling concentrations in Table 1 of LAC 33:IX.7303.E, the pollutant concentrations in Table 3 of LAC 33:IX.7303.E, the pathogen requirements in LAC 33:IX.7309.C.1, and one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e, and that have a PCB concentration of less than 10 mg/kg of total solids (dry weight).

Feed Crop—a crop produced primarily for consumption by animals.

Feedstock—primarily biologically decomposable organic material that is blended, mixed, or composted with sewage sludge.

Fiber Crops—crops such as flax and cotton.

Food Crops—crops consumed by humans. These include, but are not limited to, fruits, vegetables, and tobacco.

Food Service Facility—any facility that prepares and/or packages food or beverages for sale or consumption, on- or off-site, with the exception of private residences. *Food service facilities* include, but are not limited to, food courts, food manufacturers, food packagers, restaurants, grocery stores, bakeries, lounges, hospitals, hotels, nursing homes, churches, schools, and other similar facilities.

Free Air Space, n—air-filled pore volume of an as-received compost material. Express *free air space* as a percentage, volume of *free air space* per unit volume of compost (% v v, ±0.1 %).

Grease—a material, either liquid or solid, composed primarily of fat, oil, or grease from animal or vegetable sources. The terms *fats*, *oils*, *and grease*; *oil and grease*; and *oil and grease substances* shall all be included within this definition.

Groundwater—water below the land surface in the saturated zone.

Industrial Park—an area that is legally zoned for the purpose of the construction and operation of a group of industries and businesses and entered as legally zoned for such purpose in the public records of the state, parish, city, town, or community where the park is located.

Industrial Wastewater—wastewater generated in a commercial or industrial process.

Institution—the building or buildings that are utilized to house an established organization or foundation, especially one dedicated to public service or to culture. An *institution* includes, but is not limited to, an established school, hospital, business, day-care facility, nursing home, hotel/motel, playground, park, golf course, place of worship, or restaurant/food establishment.

Land Application—the beneficial use of biosolids by either spraying or spreading onto the land surface, injection below the land surface, or incorporation into the soil.

Material Derived from Sewage Sludge—biosolids that are produced when sewage sludge is prepared with other solid waste materials, feedstocks, supplements, and industrial sludges that are approved to be prepared with sewage sludge under these regulations.

Other Container—an open or closed receptacle, including, but not limited to, a bucket, a box, a carton, and a vehicle or trailer with a load capacity of 1 metric ton or less.

Permitting Authority—EPA or a state with an EPA-approved sludge management program.

Person Who Prepares Sewage Sludge—the person who generates sewage sludge during the treatment of domestic sewage in a treatment works, the person who treats sewage sludge, or the person who derives a material from sewage sludge.

Pollutant—an organic substance, an inorganic substance, a combination of organic and inorganic substances, or a pathogenic organism that, after discharge and upon exposure, ingestion, inhalation, or assimilation into an organism either directly from the environment or indirectly by ingestion through the food chain, could, on the basis of information available to the administrative authority, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions (including malfunction in reproduction), or physical deformations in either the affected organism or offspring of the organism.

Pollutant Limit—a numerical value that describes the amount of a pollutant allowed per unit amount of sewage sludge (e.g., milligrams per kilogram of total solids); the amount of a pollutant that can be applied to a unit area of land (e.g., kilograms per hectare); or the volume of a material that can be applied to a unit area of land (e.g., gallons per acre).

Private Land Applier—anyone who applies biosolids to the land for private benefit purposes, where the land application is not for monetary profit or other financial consideration, and either the applier did not generate or prepare the sewage sludge or material derived from sewage sludge, or the facility or facilities from which the biosolids were obtained are not owned by or associated with the *private land applier*.

Privately Owned Sanitary Wastewater Treatment Facility (POSWTF)—a privately owned treatment works that is utilized to treat sanitary wastewater and is not a *publicly owned treatment works (POTW)*, as defined in this Subsection.

Publicly Owned Treatment Works (POTW)—a *treatment works*, as defined by Section 212 of the Clean Water Act, that is owned by a *state* or *municipality*, as defined by Section 502(3) and (4) of the Clean Water Act. This includes

all devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature. It includes sewers, pipes, and other conveyances only if they convey wastewater to a POTW; and the *municipality*, as defined by Section 502(4) of the Clean Water Act, that has jurisdiction over the indirect discharges to and the discharges from such a treatment works.

Pumper of Sewage Sludge—a person who removes sludge from a sanitary wastewater treatment facility; domestic septage from a residential septic tank, mechanical treatment plant, or dump station for recreational vehicles and watercrafts or vessels; residuals from a portable toilet; or grease from a food service facility that is mixed with sewage sludge.

Qualified Groundwater Scientist—an individual with a baccalaureate or post-graduate degree in the natural sciences or engineering, who has sufficient training and experience in groundwater hydrology, subsurface geology, and/or a related field, as may be demonstrated by state registration, professional certification, or completion of accredited university programs, to make sound professional judgments regarding groundwater monitoring, pollutant fate and transport, and corrective action.

Responsible Official—a person who meets any of the following criteria:

a. for a corporation—a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities;

b. for a partnership or sole proprietorship—a general partner or the proprietor, respectively; or

c. for a municipality or a state, federal, or other public agency—either a principal executive officer or ranking elected official. For the purposes of this Subpart, a principal executive officer of a federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Runoff—rainwater, leachate, or other liquid that drains overland on any part of a land surface and runs off of the land surface.

Sewage Sludge—any solid, semisolid, or liquid residue removed during the treatment of municipal wastewater or domestic sewage. *Sewage sludge* includes, but is not limited to, solids removed during primary, secondary, or advanced wastewater treatment, scum, domestic septage, portable toilet pumpings, type III marine sanitation device pumpings (33 CFR Part 159), and sewage sludge products. *Sewage sludge* does not include grit or screenings, or ash generated during the incineration of sewage sludge.

Sludge-Only Facility—any facility whose methods of sewage sludge use or disposal are subject to regulations promulgated in accordance with Section 405(d) of the Clean Water Act, and that is required to obtain a permit under Subsection D of this Section.

Storage Facility—an area of land or constructed facility committed to hold sewage sludge or biosolids until the material may be used or disposed at on- or off-site locations.

Storage of Sewage Sludge or Biosolids—the temporary placement of sewage sludge or biosolids in a container, storage facility, tank, or directly on the land. *Storage of sewage sludge or biosolids* does not pertain to a container or tank that is utilized for the *treatment of sewage sludge*, as defined in this Subsection.

Supplements—materials blended, composted, or mixed with sewage sludge or other feedstock and sewage sludge in order to raise the moisture level and/or adjust the carbon-to-nitrogen ratio, and materials added during composting or to compost to provide attributes required by customers for certain compost products.

Surface Disposal—a use or disposal of sewage sludge on the land that does not meet the criteria of *land application*, as defined in this Subsection.

Tank—a stationary device designed to contain an accumulation of sewage sludge or biosolids that is constructed primarily of non-earthen materials (e.g., wood, concrete, steel, plastic), which provide structural support.

Treatment of Sewage Sludge—the preparation of sewage sludge for final use or disposal. This includes, but is not limited to, blending, mixing, composting, thickening, stabilization, and dewatering and solidification of sewage sludge. This does not include storage of sewage sludge.

Treatment Works—a federally owned, publicly owned, or privately owned device or system used to treat (including recycle and reclaim) either domestic sewage or a combination of domestic sewage and industrial waste of a liquid nature.

TSCA—Toxic Substances Control Act.

C. Compliance Period

1. Compliance with Standards. Except as otherwise specified in this Chapter and in Paragraph C.3 of this Section, compliance with the standards in this Chapter shall be achieved as expeditiously as practicable, but in no case later than February 19, 1994. When compliance with the standards requires construction of new pollution control facilities, compliance with the standards shall be achieved as expeditiously as practicable, but in no case later than February 19, 1995.

2. Frequency of Monitoring, Recordkeeping, and Reporting. The requirements for frequency of monitoring, recordkeeping, and reporting in this Chapter for total hydrocarbons in the exit gas from a sewage sludge incinerator are effective February 19, 1994, or if compliance with the operational standard for total hydrocarbons in this

Chapter requires the construction of new pollution control facilities, February 19, 1995. All other requirements for frequency of monitoring, recordkeeping, and reporting in this Chapter are effective on July 20, 1993.

3. Compliance with Requirements

a. Unless otherwise specified in LAC 33:IX.7311, compliance with the requirements in LAC 33:IX.7311.B, beginning with the definition of a*verage daily concentration* through the definition of w*et scrubber*, LAC 33:IX.7311.D.3, 4, and 5, F.5, 6, 7, 8.d, and 10, G.1.a and c, G.3, and H.2.e shall be achieved as expeditiously as practicable, but in no case later than September 5, 2000. When new pollution control facilities must be constructed to comply with the revised requirements in LAC 33:IX.7311, compliance with the revised requirements shall be achieved as expeditiously as practicable, but no later than September 4, 2001.

b. Compliance with the requirements in Paragraphs G.2, 3, and 4 of this Section shall be achieved as follows.

i. A facility presently meeting all of the requirements for surface disposal in 40 CFR 503, Subpart C, must comply with the requirements in Paragraph G.2 of this Section as expeditiously as practicable, but in no case later than September 1, 2007.

ii. A facility that does not meet all of the requirements for surface disposal in 40 CFR 503, Subpart C, must comply with the requirements in Paragraph G.2 of this Section by December 30, 2005.

iii. All facilities must comply with the requirements in Paragraphs G.3 and 4 of this Section as expeditiously as practicable, but in no case later than September 1, 2007.

D. Permits and Permitting Requirements

1. Except as exempted in Paragraph D.2 of this Section, no person shall prepare sewage sludge or biosolids, prepare sewage sludge and dispose of the prepared sewage sludge in a permitted landfill, apply biosolids to the land, or own or operate a sewage sludge incinerator without first obtaining a permit in accordance with the deadlines set forth in Subparagraphs D.1.a-c of this Section. The permit shall identify and regulate the specific use, disposal, storage, and treatment of sewage sludge described in the permit application.

a. As of December 30, 2005, the following permitting requirements apply.

i. Those persons who have been granted an exemption under LAC 33:Part VII for any form of use or disposal of sewage sludge will have 180 days to submit an application for permit coverage under these regulations.

ii. Those persons who have been issued a standard solid waste permit under LAC 33:Part VII for the use, disposal, treatment, or processing of sewage sludge, with the exception of a standard solid waste permit issued for a type of *surface disposal*, as defined in Subsection B of this Section, may continue operations under the standard solid waste permit until such time as a permit has been reissued under these regulations by the administrative authority or for a period not to exceed five years, whichever is less. This time period may be reduced by the administrative authority if deemed necessary for the protection of human health and/or the environment.

iii. Those persons who have been issued a standard solid waste permit for a type of *surface disposal*, as defined in Subsection B of this Section, shall comply with the requirements in Subparagraph C.3.b of this Section.

b. As of June 1, 2006, facilities not addressed under Subparagraph D.1.a of this Section shall apply for a permit as follows.

i. All sanitary wastewater treatment facilities that receive domestic septage and/or portable toilet waste into their systems shall apply for a permit within 180 days of June 1, 2006.

ii. All treatment facilities that are for the sole purpose of preparing sewage sludge or sewage sludge mixed with grease that is pumped or removed from a food service facility shall apply for a permit within 180 days of June 1, 2006.

iii. All treatment facilities that prepare sewage sludge for land application, and all land appliers of biosolids who are not presently operating under an effective standard solid waste permit, shall apply for a permit within 180 days of June 1, 2006.

iv. All major sanitary wastewater treatment facilities that do not receive domestic septage and/or portable toilet waste into their systems shall apply for a permit as expeditiously as practicable, but in no case later than three years from June 1, 2006.

v. All minor sanitary wastewater treatment facilities that do not receive domestic septage and/or portable toilet waste into their systems shall apply for a permit as expeditiously as practicable, but in no case later than five years from June 1, 2006.

c. At least 180 days prior to the expiration of the permit described in Clause D.1.b.ii of this Section, the owner/operator of the facility shall submit an application for permit issuance under this Chapter if the owner/operator intends to continue operations after that date.

d. A person who prepares sewage sludge or land-applies biosolids shall use the Sewage Sludge and Biosolids Use or Disposal Permit application form. The owner/operator of a sewage sludge incinerator shall apply for a permit in accordance with LAC 33:III.Chapter 5 and shall utilize both the Air Quality Permit Application and the Sewage Sludge and Biosolids Use or Disposal Permit application forms. The forms can be accessed through the department's website or by contacting the Office of Environmental Services.

e. Except as allowed in this Paragraph, all permits issued in accordance with these regulations shall be effective

for a period not to exceed five years. The standard five-year permit period may be reduced to a period of less than five years if deemed necessary by the administrative authority for the protection of human health and/or the environment.

2. Exempt Status for Those Applying Biosolids to the Land

a. A person who applies bagged *biosolids*, as defined in Subsection B of this Section, to the land shall be exempted from obtaining a permit.

b. A person who applies bulk biosolids to the land, if the biosolids were obtained from a facility that is permitted to treat sewage sludge to an Exceptional Quality biosolids level, shall be exempted from obtaining a permit.

c. The administrative authority may exempt any other person who applies biosolids to the land from the requirement of obtaining a permit, on a case-by-case basis, after determining that human health and the environment will not be adversely affected by the application of biosolids to the land.

3. A person who prepares sewage sludge, a person who applies biosolids to the land, and the owner and/or operator of a sewage sludge incinerator who desires to maintain a permit shall obtain adequate training and certification in the processing, treatment, land application, and incineration of sewage sludge.

a. To maintain certification, a minimum of 16 contact hours of continuous education are required for each certificate held during the previous two-year certification period.

b. Classes, seminars, conferences, or conventions used for units shall be approved by the administrative authority.

4. Closure requirements for sanitary wastewater treatment facilities that were utilized for the preparation of sewage sludge, and sewage sludge disposal ponds/lagoons complying with the requirements of Subparagraph C.3.b of this Section, are as follows.

a. In closing a facility that was utilized for sanitary wastewater treatment or for the disposal of sewage sludge, the liquid portion must be removed in a manner that meets the requirements of LAC 33:IX.Chapters 23-71.

b. The use or disposal options for the closure of a facility that was utilized for the treatment of sanitary wastewater or the disposal of sewage sludge shall consist of:

i. removal and disposal of the remaining biosolids in a permitted landfill;

ii. obtaining an Exceptional Quality biosolids certification without further soil or site restrictions for the material; or

iii. obtaining approval for land application of the material as Class B biosolids with soil or site restrictions.

c. For removal and disposal in a permitted landfill, a closure plan shall be submitted to the Office of Environmental Services prior to site closure. The closure plan shall include, but not be limited to, the following information:

i. the name, mailing address, physical address, and contact person of the facility that is proposed for closure;

ii. an aerial photograph showing the location of the facility that is proposed for closure;

iii. the amount of sewage sludge that will be removed and disposed at a permitted landfill;

iv. the name, location, and contact person at the site where the sewage sludge will be disposed; and

v. a sampling and analysis plan for the sewage sludge, which shall include:

(a). either a schematic drawing or an aerial photograph that indicates where the samples will be taken;

(b). the lab methods to be utilized;

(c). the name of the laboratory where the samples will be analyzed; and

(d). any other information the department may require.

d. Approval or disapproval of the closure plan required in Subparagraph D.4.c of this Section shall be granted by the administrative authority after receipt and review of the plan.

e. For an Exceptional Quality biosolids certification without further soil or site restrictions, a request shall be submitted to the Office of Environmental Services. The request shall include, but not be limited to, the following information.

i. A sampling and analysis plan shall be submitted to the administrative authority in accordance with Subsection I of this Section. The sewage sludge shall be sampled and analyzed in a laboratory that is certified by the state of Louisiana. The minimum sampling and analysis requirements are as follows:

(a). toxicity characteristic leaching procedure (TCLP)—one composite sample;

(b). pollutants listed in Table 1 of LAC 33:IX.7303.E—at least four separate, random, representative samples of pollutants listed in the table;

(c). pathogens—

(i). the sewage sludge shall be sampled and analyzed in accordance with the requirements in Subsection I of this Section;

(ii). results of the analysis must indicate that fecal coliform levels are 1,000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp.* bacteria in the sewage sludge shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis);

(iii). if the reduction of pathogens is a necessity, it shall be achieved by utilizing either Exceptional Quality Biosolids—Alternative 2, as described in LAC 33:IX.7309.C.1.d, Exceptional Quality Biosolids—Alternative 3, as described in LAC 33:IX.7309.C.1.e, Exceptional Quality Biosolids—Alternative 4, as described in LAC 33:IX.7309.C.1.f, or Exceptional Quality Biosolids—Alternative 5, as described in LAC 33:IX.7309.C.1.g;

(iv). for analysis of fecal coliform or *Salmonella sp.,* a minimum of four separate, random, representative samples shall be utilized. The geometric mean of the separate samples collected and analyzed must be reported;

(d). vector attraction reduction—first, utilize the procedure described in LAC 33:IX.7309.D.2.d or e.ii. Proof of vector attraction reduction shall then be made by the collection and analysis of four separate, random, representative samples for the indicator parameter of the selected procedure (i.e., pH or Percent Solids). If specific sampling and analysis methods are listed in Subsection I of this Section for vector attraction reduction, then the methods listed must be used for the determination of vector attraction reduction;

(e). PCBs—one composite sample; and

(f). total nitrogen, total nitrates, total phosphorus, total potassium, and pH—one composite sample from four or more separate samples collected from the treatment facility or from each cell of an oxidation pond, lagoon, or surface impoundment.

ii. Results of the analyzed samples, along with QA/QC documentation, must be submitted to the administrative authority, along with the following additional information:

(a). the name of the facility that utilized the treatment facility;

(b). the LPDES (sanitary wastewater discharge) permit number for the treatment facility;

(c). the design capacity of the treatment facility (If the facility was an oxidation pond, include the size of the pond (in acres) and the number of cells of the pond, e.g., 1-cell, 2-cell, or 3-cell.);

(d). the approximate tons of sewage sludge to be disposed;

(e). the location of the facility, delineated on an aerial photograph;

(f). the future plans for the site where the treatment plant is located;

(g). the demographics within the area of the facility (businesses, hospitals, nursing homes, day-care centers, schools, walk-in clinics, etc.);

(h). potable water wells within a 1-mile radius of the facility, including private and public potable water wells, designated on an aerial photograph; and

(i). the name of the drinking water aquifer.

iii. After receipt and review of the results of the laboratory analysis and the additional information required in Clause D.4.e.ii of this Section, a decision shall be rendered by the administrative authority regarding Exceptional Quality biosolids certification.

f. For closure through land application of the sewage sludge as Class B biosolids, a Sewage Sludge and Biosolids Use or Disposal Permit application form must be submitted to the Office of Environmental Services utilizing the application form that can be accessed on the department's website or by contacting the Office of Environmental Services.

5. Environmental Impact Supplementary Information. In addition to the requirements of this Chapter, all Sewage Sludge and Biosolids Use or Disposal Permit application forms must include a response to each of the following:

a. a detailed discussion demonstrating that the potential and real adverse environmental effects of the proposed facility have been avoided to the maximum extent possible;

b. a cost-benefit analysis that balances the environmental impact costs against the social and economic benefits of the facility and demonstrates that the latter outweigh the former;

c. a discussion and description of possible alternative projects that would offer more protection to the environment than the proposed facility without unduly curtailing non-environmental benefits;

d. a detailed discussion of possible alternative sites that would offer more protection to the environment than the proposed facility site without unduly curtailing non-environmental benefits; and

e. a discussion and description of mitigating measures that would offer more protection to the environment than the facility as proposed without unduly curtailing non-environmental benefits.

E. Sewage Sludge Disposed in a Landfill

1. A landfill where sewage sludge is disposed must possess a legal and effective permit.

2. A person who disposes of sewage sludge in a landfill shall provide the necessary information to the owner/operator of the landfill where the sewage sludge is to be disposed to assure that the landfill will be in compliance with its permit requirements.

3. The person who prepares sewage sludge that is disposed in a landfill shall provide the following to the Office of Environmental Services on an annual basis, or at a frequency designated in the permit:

a. proof that the sewage sludge is being disposed at an approved landfill, by furnishing the name, address, and permit number of the landfill; and

b. copies of all records of sampling and laboratory analyses of the sewage sludge for hazardous characteristics or the presence of PCBs, of the results of the Liquid Paint Filter Test (if required in the permit), and of any other analysis required by the owner/operator of the landfill.

F. Reserved.

G. Prohibitions, Restrictions, and Additional or More Stringent Requirements

1. Use or Disposal of Sewage Sludge

a. No person shall use or dispose of sewage sludge or biosolids through any practice for which requirements have not been established in this Chapter.

b. No person shall use or dispose of sewage sludge or biosolids except in accordance with the requirements in this Chapter.

2. Surface Disposal Prohibited. *Surface disposal*, as defined in Subsection B of this Section, is prohibited as a use or disposal method of sewage sludge or biosolids.

3. Storage of Sewage Sludge or Biosolids

a. Except as allowed in Subparagraph G.3.b of this Section, the *storage of sewage sludge or biosolids*, as defined in Subsection B of this Section, is allowed for a period not to exceed six consecutive months when:

i. it is necessary for the upgrade, repair, or maintenance of a treatment works or sludge-only facility, or for agricultural storage purposes when the sewage sludge or biosolids are to be used for *beneficial use*, as defined in Subsection B of this Section;

ii. notification has been made by the person who wishes to store the sewage sludge or biosolids to the administrative authority; and

iii. subsequent approval by the administrative authority has been received.

b. An extension for storage for greater than six months may be granted by the administrative authority if storage for the extended period will have no adverse affect on human health or the environment.

c. A request for an extension for storage for greater than six months must be submitted in writing to the Office of Environmental Services at least 60 days prior to the expiration of the first six-month storage period and shall include, but not be limited to, the following information:

i. the name and address of the person who prepared the sewage sludge or biosolids;

ii. the name and address of the person who either owns or leases the land where the sewage sludge or biosolids are to be stored, if different from the person who prepared the sewage sludge;

iii. the location, by either street address or latitude and longitude, of the land;

iv. an explanation of why the sewage sludge or biosolids need to remain on the land;

v. an explanation of why human health and the environment will not be affected;

vi. the approximate date and length of time the sewage sludge or biosolids will be stored on the land; and

vii. the final use and disposal method after the storage period has expired.

d. The administrative authority shall make a determination as to whether or not the information submitted is complete and shall issue the determination within 30 days of having received the request.

i. If the information is deemed incomplete, the administrative authority shall issue a notice of deficiency. The commercial preparer or land applier of sewage sludge shall have 45 days, thereafter, to respond to the notice of deficiency.

ii. If the information is deemed complete, the administrative authority shall make and issue a determination to grant or deny the request for the storage of sewage sludge within 30 days after deeming the information complete.

4. Use of Ponds or Lagoons to Treat Sewage Sludge

a. The use of a pond or lagoon is allowed for the *treatment of sewage sludge*, as defined in Subsection B of this Section, only after a permit has been granted under these regulations and the applicable air and water discharge permits have been applied for and granted by the administrative authority.

b. The person who makes use of a pond or lagoon for the treatment of sewage sludge shall:

i. provide documentation to the Office of Environmental Services that indicates the final use or disposal method for the sewage sludge;

ii. apply for the appropriate permit for the chosen final use or disposal in accordance with this Chapter; and

iii. provide documentation by a qualified groundwater scientist to the Office of Environmental Services that indicates the area where the pond or lagoon is located and if it will adequately protect against potential groundwater contamination either by natural soil conditions or by a constructed soil or synthetic liner that has a hydraulic conductivity of $1x10^{-7}$ centimeters per second or less, and adequately protect from the potential to *contaminate an aquifer*, as defined in Subsection B of this Section.

5. Solid wastes other than those listed below are prohibited from being prepared with sewage sludge and must be disposed of in the manner provided in LAC 33:VII.Subpart 1:

a. residential and commercial food waste;

b. twigs, branches, leaves, crushed or chipped wood, logs, or trees;

c. wood chips or sawdust;

d. ground or crushed cardboard boxes;

e. paper;

f. fly ash, kiln dust, or other solid waste material that has been approved by the Environmental Protection Agency for the alkaline treatment/stabilization of sewage sludge; and

g. industrial sludges that are shown to contain only the pollutants that are listed in Table 1 of LAC 33:IX.7303.E and are demonstrated to be of benefit to the soil and/or crops through soil conditioning and/or crop fertilization, or are utilized as a form of alkaline treatment/stabilization of the sewage sludge.

6. Materials prohibited from being prepared with sewage sludge are as follows:

a. hazardous waste;

b. materials listed in Table 1 of LAC 33:IX.7301.G; and

c. other material whose use has a potential to adversely affect human health or the environment, as determined by the administrative authority.

Table 1 of LAC 33:IX.7301.G	
Materials Prohibited from Preparation with Sewage Sludge	
Antifreeze	Pesticides
Automotive (lead-acid) batteries	Photographic supplies
Brake fluid	Propane cylinders
Cleaners (drain, oven, toilet)	Treated wood containing the preservatives CCA and/or PCP
Gasoline and gasoline cans	Tubes and buckets of adhesives, caulking, etc.
Herbicides	Swimming pool chemicals
Household (dry cell) batteries	Unmarked containers
Oil-based paint	Used motor oil

7. A material prepared with sewage sludge must be sampled and analyzed on an annual basis to determine if the material is nonhazardous by a hazardous waste determination in accordance with LAC 33:Part V. Results of the sampling and analysis must be submitted to the administrative authority on an annual basis.

8. Sewage sludge composting operations shall not be located on airport property unless an exemption or approval is granted by the U.S. Department of Transportation's Federal Aviation Administration. If an exemption or approval is granted by the U. S. Department of Transportation's Federal Aviation Administration to allow a sewage sludge composting operation to be located on airport property, the location restrictions in LAC 33:IX.7305.B.1.h and i for off-airport property operations shall apply.

9. The use of raw or untreated sewage sludge as daily, interim, or final cover at a municipal solid waste landfill is prohibited. The use of treated sewage sludge as daily, interim, or final cover at a municipal solid waste landfill is allowed only if the sewage sludge meets the requirements and is used in accordance with the requirements in LAC 33:IX.7303.

10. Except as exempted in LAC 33:IX.7303.M, sewage sludge mixed with grease shall be disposed of in a permitted landfill and shall not be:

a. introduced into any part of a treatment works, including its collection system; or

b. applied to the land.

11. On a case-by-case basis, the permitting authority may impose requirements in addition to or more stringent than the requirements in this Chapter when necessary to protect human health and the environment from any adverse effect of a pollutant in the sewage sludge.

H. Exclusions

1. Co-Firing of Sewage Sludge

a. Except for the co-firing of sewage sludge with *auxiliary fuel*, as defined in LAC 33:IX.7311.B, this Chapter does not establish requirements for sewage sludge co-fired in an incinerator with other wastes or for the incinerator in which sewage sludge and other wastes are co-fired.

b. This Chapter does not establish requirements for sewage sludge co-fired with auxiliary fuel if the auxiliary fuel exceeds 30 percent of the dry weight of the sewage sludge and auxiliary fuel mixture.

2. Sludge Generated at an Industrial Facility. This Chapter does not establish requirements for the use or disposal of sludge generated at an industrial facility during the treatment of industrial wastewater, including sewage sludge generated during the treatment of industrial wastewater combined with domestic sewage.

3. Hazardous Sewage Sludge. This Chapter does not establish requirements for the use or disposal of sewage sludge or a material derived from sewage sludge that is hazardous in accordance with LAC 33:Part V.

4. Sewage Sludge Containing PCBs. This Chapter does not establish requirements for the use or disposal of sewage sludge containing polychlorinated biphenyls (PCBs) that are regulated by the TSCA.

5. Incinerator Ash. This Chapter does not establish requirements for the use or disposal of ash generated during the firing of sewage sludge in a sewage sludge incinerator.

6. Grit and Screenings. This Chapter does not establish requirements for the use or disposal of grit (e.g., sand, gravel, cinders, or other materials with a high specific gravity) or screenings (e.g., relatively large materials such as rags) generated during preliminary treatment of domestic sewage in a treatment works.

7. Drinking Water Treatment Sludge. This Chapter does not establish requirements for the use or disposal of sludge generated during the treatment of either surface water or groundwater used for drinking water.

8. Treatment Processes. This Chapter does not establish requirements for processes used to treat *domestic sewage*, as defined in Subsection B of this Section, or for processes used to treat sewage sludge prior to final use or disposal, except as provided in LAC 33:IX.7309.

9. Selection of a Use or Disposal Practice. This Chapter does not require the selection of a sewage sludge use or disposal practice. The determination of the manner in which sewage sludge is used or disposed is to be made by the person who prepares sewage sludge.

I. Sampling and Analysis

1. Sampling

a. The permittee shall collect and analyze representative samples of sewage sludge or biosolids that are applied to the land and sewage sludge fired in a sewage sludge incinerator at the frequency specified in the permit.

b. The permittee shall create and maintain records of sampling and monitoring information for the period specified in the permit. The sampling and monitoring records shall include:

i. the date, exact place, and time of sampling or measurements;

ii. the individual(s) who performed the sampling or measurements;

iii. the date(s) analyses were performed;

iv. the individual(s) who performed the analysis;

v. the analytical techniques or methods used; and

vi. the results of such analysis.

2. Methods. The materials listed below are incorporated by reference in this Chapter. The materials are incorporated as they exist on the date of approval, and notice of any change in these materials will be published in the *Louisiana Register*. They are available for inspection at the Office of the Federal Register, 7th Floor, Suite 700, 800 North Capitol Street, NW, Washington, DC, and at the Office of Water Docket, Room L-102, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC. Copies may be obtained from the standard producer or publisher listed in the regulation. Information regarding other sources of these documents is available from the Department of Environmental Quality, Office of Environmental Services. Methods in the materials listed below (or in 40 CFR Part 136) shall be used to analyze samples of sewage sludge.

a. Enteric Viruses. ASTM Designation: D 4994-89, "Standard Practice for Recovery of Viruses From Wastewater Sludges," 1992 Annual Book of ASTM Standards: Section 11—Water and Environmental Technology, ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

b. Fecal Coliform. Part 9221 E, "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992, American Public Health Association, 1015 15th Street, NW, Washington, DC 20005; or EPA Method 1680 (http://www.epa.gov/waterscience/methods/biosolids/EPA.Method.1680.July2006.pdf) for Exceptional Quality biosolids and Part 9221 E or Part 9222 D "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992, American Public Health Association, 1015 15th Street, NW, Washington, DC 20005; or EPA Method 1680 or 1681 (http://www.epa.gov/waterscience/methods/biosolids/EPA.Method.1681.July2006.pdf) for Class B Biosolids.

c. Helminth Ova. Yanko, W.A., "Occurrence of Pathogens in Distribution and Marketing Municipal Sludges," EPA 600/1-87-014, 1987. National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 (PB 88-154273/AS).

d. Inorganic Pollutants. *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, EPA Publication SW-846, Second Edition (1982) with Updates I (April 1984) and II (April 1985) and Third Edition (November 1986) with Revision I (December 1987). Second Edition with Updates I and II are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 (PB-87-120-291). Third Edition with Revision I are available from Superintendent of Documents, Government Printing Office, 941 North Capitol Street, NE, Washington, DC 20002 (Document Number 955-001-00000-1).

e. Salmonella sp. Bacteria. Part 9260 D, "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992, American Public Health Association, 1015 15th Street, NW, Washington, DC 20005; or EPA Method 1682 (http://www.epa.gov/waterscience/methods/biosolids/EPA.Method.1682.July2006.pdf); or Kenner, B.A. and H.P. Clark, "Detection and Enumeration of Salmonella and Pseudomonas Aeruginosa," Journal of the Water Pollution Control Federation, Vol. 46, No. 9, September 1974, pp. 2163-2171. Water Environment Federation, 601 Wythe Street, Alexandria, VA 22314.

f. Specific Oxygen Uptake Rate. Part 2710, B. Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992, American Public Health Association, 1015 15th Street, NW, Washington, DC 20005.

g. Total, Fixed, and Volatile Solids. Part 2540, G. Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992, American Public Health Association, 1015 15th Street, NW, Washington, DC 20005.

h. Incineration of Sewage Sludge—Standards of Performance and Particulate Matter. Materials and Methods at 40 CFR Part 60 as incorporated by reference at LAC 33:III.3003.

i. Incineration of Sewage Sludge—National Emission Standards for Beryllium and for Mercury. Materials, Methods, and Standards at 40 CFR Part 61 as incorporated by reference at LAC 33:III.5116.

j. Composting of Sewage Sludge. *Test Methods for the Examination of Composting and Compost*, The US Composting Council Research and Education Foundation

and USDA, TMECC Website: http://tmecc.org/tmecc/index.html.

k. Nutrients—*Methods of Soil Analysis*, Soil Science Society of America Series (Most Recent Editions).

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HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:781 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2516 (October 2005), LR 33:2366 (November 2007).

§7303. Land Application [Formerly §6903]

A. Applicability

1. This Section applies to:

a. any person who prepares sewage sludge or biosolids that are applied to the land;

b. any person who applies biosolids to the land;

c. sewage sludge or biosolids that are applied to the land; and

d. the land on which sewage sludge or biosolids are applied.

2. The general requirements in Subsection C of this Section, the other requirements for bulk biosolids in Subsection F of this Section, the general management practices in Subsection D of this Section, and the other management practices for bulk biosolids in Subsection G of this Section do not apply when bulk *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B, are applied to the land and the preparer has received and maintained a permit to prepare sewage sludge as Exceptional Quality biosolids in accordance with requirements in Subsection L of this Section.

3. The administrative authority may apply any or all of the general requirements in Subsection C of this Section, the other requirements for bulk biosolids in Subsection F of this Section, the general management practices in Subsection D of this Section, and the other management practices for bulk biosolids in Subsection G of this Section to the bulk biosolids in Paragraph A.2 of this Section on a case-by-case basis after determining that any or all of the requirements or management practices are needed to protect human health and the environment from any reasonably anticipated adverse effect that may occur from the application of the bulk biosolids to the land.

4. The general requirements in Subsection C of this Section and the general management practices in Subsection D of this Section do not apply if the biosolids sold or given away in a bag or other container are *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B, and the preparer has received and maintained a permit to prepare sewage sludge as Exceptional Quality biosolids in accordance with the requirements in Subsection L of this Section.

5. The administrative authority may apply any or all of the general requirements in Subsection C of this Section and the general management practices in Subsection D of this Section to the biosolids in Paragraph A.4 of this Section on a case-by-case basis after determining that the requirements or the management practices are needed to protect human health and the environment from any reasonably anticipated adverse effect that may occur from the application of the biosolids to the land.

B. Special Definitions

Agricultural Land—land on which a food crop, a feed crop, or a fiber crop is grown. This includes range land and land used as pasture.

Agronomic Rate—

a. the whole biosolids application rate (dry weight basis) designed:

i. to provide the amount of nitrogen needed by the food crop, feed crop, fiber crop, cover crop, or vegetation grown on the land; and

ii. to minimize the amount of nitrogen in the biosolids that are not utilized by the crop or vegetation grown on the land and either passes below the root zone to the groundwater or gets into surface waters during storm events;

b. agronomic rate may be extended to include phosphorus to application sites that are located within the drainage basin of water bodies that have been determined by the administrative authority to be impaired by phosphorus.

Annual Pollutant Loading Rate—the maximum amount of a pollutant that can be applied to a unit area of land during a 365-day period.

Annual Whole Biosolids Application Rate—the maximum amount of biosolids (dry weight basis) that can be applied to a unit area of land during a 365-day period.

Annual Whole Sludge Application Rate—repealed.

Cumulative Pollutant Loading Rate—the maximum amount of an inorganic pollutant that can be applied to an area of land.

Forest—a tract of land thick with trees and underbrush.

Monthly Average—the arithmetic mean of all measurements taken during the month.

Pasture—land on which animals feed directly on feed crops such as legumes, grasses, grain stubble, or stover.

Public Contact Site—land with a high potential for contact by the public. This includes, but is not limited to, public parks, ball fields, cemeteries, plant nurseries, turf farms, and golf courses.

Range Land—open land with indigenous vegetation.

Reclamation Site—drastically disturbed land that is reclaimed using biosolids. This includes, but is not limited to, strip mines and construction sites.

C. General Requirements

1. When a person who prepares sewage sludge provides the sewage sludge to another person who prepares the sewage sludge, the person who receives the sewage sludge shall comply with the requirements in this Chapter.

2. The person who provides the sewage sludge shall provide the person who receives the sewage sludge with the following information:

a. the name, mailing address, and location of the facility or facilities of the person providing the sewage sludge;

b. the total dry metric tons being provided per 365-day period; and

c. a description of any treatment processes occurring at the providing facility or facilities, including blending, composting, or mixing activities and the treatment to reduce pathogens and/or vector attraction reduction.

3. No person shall apply biosolids to the land except in accordance with the requirements in this Chapter.

4. Biosolids shall not be applied to the land until the site has been approved by the administrative authority with a finding that the land application site is a legitimate beneficial use site.

D. General Management Practices

1. Land Application Restrictions

a. Biosolids applied to agricultural land, forest, a public contact site, or a reclamation site shall only be applied at a whole biosolids application rate that is equal to or less than the agronomic rate for the biosolids, unless, in the case of a reclamation site, otherwise specified by the permitting authority.

b. Biosolids shall be applied to the land in accordance with the slope requirements in Table 1 of LAC 33:IX.7303.D.

c. Biosolids having a concentration of PCBs equal to or greater than 10 mg/kg of total solids (dry wt.) must be incorporated into the soil regardless of slope.

2. Buffer Zones. When biosolids are applied to agricultural land, forest, or a reclamation site, buffer zones shall be established as follows for each application area, unless otherwise specified by the administrative authority.

a. For all sites, the following buffer zone requirements apply:

i. a private potable water supply well—300 feet, unless special permission is granted by the private potable water supply owner;

ii. a public potable water supply well, surface water intake, treatment plant, or public potable water supply elevated or ground storage tank—300 feet, unless special permission is granted by the Department of Health and Hospitals; and

iii. a property boundary—100 feet, unless special permission is granted by the property owner(s).

b. For new or first-time-permitted sites, the following buffer zone requirements apply:

i. an established *institution*, as defined in LAC 33:IX.7301.B—1,000 feet, unless special permission is granted by the responsible official of the established institution. The permission must be in the form of a notarized affidavit executed by the owner waiving the 1,000-foot buffer zone. However, in no case shall the application area be located less than 200 feet from an institution; and

ii. an occupied residential home or structure—500 feet, unless special permission is granted by the owner and/or lessee of the occupied residential home or structure. The permission must be in the form of a notarized affidavit executed by the owner and/or lessee waiving the 500-foot buffer zone. However, in no case shall land application of sewage sludge be conducted less than 200 feet from the occupied residential home or structure.

3. Water Table Levels. Biosolids shall not be applied to agricultural land, forest, or a reclamation site during the months when the water table is less than or at 2 feet below the soil surface as indicated in the Parish Soil Surveys or the Water Features Data published by the Natural Resources Conservation Service (NRCS); or some form of monitoring device shall be provided to ensure that the annual high water table is greater than 2 feet below the soil surface.

4. Nutrient Management Plan and Soil Sampling. The person who applies biosolids to agricultural or forest land shall:

a. provide proof to the administrative authority that a full nutrient management plan has been developed for the agricultural or forest land where the biosolids are applied. The full nutrient management plan shall be developed by the Natural Resource Conservation Service, a certified soil scientist, a certified crop advisor, or a local LSU Agricultural Center Cooperative Extension Service agent; or

b. sample the soil at the site or sites where biosolids are land-applied on an annual basis, or, if double cropping is practiced, prior to the planting of each crop, for the following parameters:

i. total Kjeldahl nitrogen;

ii. total nitrates;

iii. total nitrites;

iv. total phosphorus;

v. total potassium; and

vi. pH.

5. Biosolids Sold or Given Away in a Bag or Other Container

a. Biosolids sold or given away in a bag or other container shall not be applied to the land at a rate that would

cause any of the annual pollutant loading rates in Table 4 of LAC 33:IX.7303.E to be exceeded.

b. The permittee shall either affix a label to the bag or other container holding biosolids that are sold or given away for application to the land, or provide an information sheet to the person who receives biosolids sold or given away in a bag or other container for application to the land. The label or information sheet shall contain the following information:

i. the information required in Clauses L.1.f.i-viii of this Section; and

ii. the annual whole biosolids application rate that does not cause any of the annual pollutant loading rates in Table 4 of LAC 33:IX.7303.E to be exceeded.

Table 1 of LAC 33:IX.7303.D	
Slope Limitations for Land Application of Biosolids	
Slope Percent	**Application Restriction**
0-3	None, except drainage to prevent standing water shall be provided.
3-6	A 100-foot vegetated runoff area should be provided at the down slope end of the application area if a liquid is applied. Measures should be taken to prevent erosion.
6-12	Liquid material must be injected into the soil. Solid material must be incorporated into the soil if the site is not covered with vegetation. A 100-foot vegetated runoff area is required at the down slope end of the application area for all applications. Measures must be taken to prevent erosion. Terracing may be required if deemed a necessity by the administrative authority to prevent runoff from the land application site and erosion.
>12	Unsuitable for application unless terraces are constructed and a 200-foot vegetated buffer area with a slope of less than 3 percent is provided at the down slope edge of the application area and the material is incorporated (solid material) and injected (liquid material) into the soil. Measures must be taken to prevent runoff from the land application site and to prevent erosion.

E. Pollutant Limits

1. Sewage Sludge and Biosolids

a. Bulk biosolids or biosolids sold or given away in a bag or other container shall not be applied to the land if the concentration of any pollutant in the biosolids exceeds the ceiling concentration for the pollutant in Table 1 of LAC 33:IX.7303.E.

b. If bulk biosolids are applied to agricultural land, forest, a public contact site, or a reclamation site, either:

i. the cumulative loading rate for each pollutant in the biosolids shall not exceed the cumulative pollutant loading rate for the pollutant in Table 2 of LAC 33:IX.7303.E; or

ii. the concentration of each pollutant in the biosolids shall not exceed the concentration for the pollutant in Table 3 of LAC 33:IX.7303.E.

c. If biosolids are applied to a lawn or a home garden, the concentration of each pollutant in the biosolids shall not exceed the ceiling concentrations in Table 1 of LAC 33:IX.7303.E and the pollutant concentrations for each pollutant listed in Table 3 of LAC 33:IX.7303.E, and the concentration of PCBs must be less than 10 mg/kg of total solids (dry wt.).

d. If biosolids are sold or given away in a bag or other container for application to the land, either:

i. the concentration of each pollutant in the biosolids shall not exceed the ceiling concentration for the pollutant in Table 1 of LAC 33:IX.7303.E and the concentration for the pollutant in Table 3 of LAC 33:IX.7303.E, and the concentration of PCBs must be less than 10 mg/kg of total solids (dry wt.); or

ii. the product of the concentration of each pollutant in the biosolids and the annual whole biosolids application rate for the sewage sludge shall not cause the annual pollutant loading rate for the pollutant in Table 4 of LAC 33:IX.7303.E to be exceeded, and the concentration of PCBs must be less than 10 mg/kg of total solids (dry wt.). The procedure used to determine the annual whole biosolids application rate is presented in LAC 33:IX.7397.Appendix K.

e. The administrative authority may require that the biosolids meet more stringent pollutant limits or limits for additional pollutants than those listed in the Tables of LAC 33:IX.7303.E on a case-by-case basis after determining that the more stringent pollutant limits or limits for additional pollutants are needed to protect human health and the environment from any reasonably anticipated adverse effect that may occur from the application of the biosolids to the land.

2. Pollutant Concentrations and Loading Rates—Biosolids

a. Ceiling Concentrations

Table 1 of LAC 33:IX.7303.E	
Ceiling Concentrations	
Pollutant	**Ceiling Concentration (milligrams per kilogram)[1]**
Arsenic	75
Cadmium	85
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
Selenium	100
Zinc	7500
[1]Dry weight basis	

b. Cumulative Pollutant Loading Rates

Table 2 of LAC 33:IX.7303.E	
Cumulative Pollutant Loading Rates	
Pollutant	**Cumulative Pollutant Loading Rate (kilograms per hectare)**
Arsenic	41
Cadmium	39
Copper	1500
Lead	300

Mercury	17
Nickel	420
Selenium	100
Zinc	2800

c. Pollutant Concentrations

Table 3 of LAC 33:IX.7303.E	
Pollutant Concentrations	
Pollutant	**Monthly Average Concentration (milligrams per kilogram)[1]**
Arsenic	41
Cadmium	39
Copper	1500
Lead	300
Mercury	17
Nickel	420
Selenium	100
Zinc	2800
[1]Dry weight basis	

d. Annual Pollutant Loading Rates

Table 4 of LAC 33:IX.7303.E	
Annual Pollutant Loading Rates	
Pollutant	**Annual Pollutant Loading Rate (kilograms per hectare per 365-day period)**
Arsenic	2.0
Cadmium	1.9
Copper	75
Lead	15
Mercury	0.85
Nickel	21
Selenium	5.0
Zinc	140

F. Other Requirements for Bulk Biosolids

1. The person who prepares bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall provide the person who applies the bulk biosolids with written notification of the concentration, on a dry weight basis, of total nitrogen, ammonia (as N), nitrates, potassium, and phosphorus in the bulk biosolids.

2. When a person who prepares bulk sewage sludge provides the bulk biosolids to a person who applies the bulk biosolids to the land, the person who prepares the bulk sewage sludge shall provide the person who applies the bulk biosolids with notice and necessary information to comply with the requirements in this Chapter.

3. The person who applies bulk biosolids to the land shall provide the owner or leaseholder of the land on which the bulk biosolids are applied with notice and necessary information to comply with the requirements in this Chapter.

4. No person shall apply bulk biosolids subject to the cumulative pollutant loading rates in Table 2 of LAC 33:IX.7303.E to the land without first contacting the administrative authority to determine if bulk biosolids subject to the cumulative pollutant loading rates in Table 2 of LAC 33:IX.7303.E have been applied to the land since July 20, 1993.

5. No person shall apply bulk biosolids subject to the cumulative pollutant loading rates in Table 2 of LAC 33:IX.7303.E to agricultural land, forest, a public contact site, or a reclamation site if any of the cumulative pollutant loading rates in Table 2 of LAC 33:IX.7303.E has been reached.

6. If bulk biosolids have not been applied to a site since July 20, 1993, the cumulative amount for each pollutant listed in Table 2 of LAC 33:IX.7303.E may be applied to the site in accordance with Clause E.1.b.i of this Section.

7. If bulk biosolids have been applied to the site since July 20, 1993, and the cumulative amount of each pollutant applied to the site in the bulk biosolids since that date is known, the cumulative amount of each pollutant applied to the site shall be used to determine the additional amount of each pollutant that can be applied to the site in accordance with Clause E.1.b.i of this Section.

8. If bulk biosolids have been applied to the site since July 20, 1993, and the cumulative amount of each pollutant applied to the site in the bulk biosolids since that date is not known, an additional amount of each pollutant shall not be applied to the site in accordance with Clause E.1.b.i of this Section.

G. Other Management Practices for Bulk Biosolids

1. Bulk biosolids shall not be applied to the land if it is likely to adversely affect a threatened or endangered species listed under Section 4 of the Endangered Species Act or its designated critical habitat.

2. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk biosolids enter a *wetland* or other *waters of the state*, as defined in LAC 33:IX.2313, except as provided in a permit issued in accordance with Section 402 or 404 of the CWA or LAC 33:IX.Chapters 23-71.

3. Bulk biosolids shall not be applied to agricultural land, forest, or a reclamation site that is 33 feet (10 meters) or less from any *waters of the state*, as defined in LAC 33:IX.2313, unless otherwise specified by the permitting authority.

4. Bulk biosolids shall not be applied to the land if it would affect a property that either is listed on, or is eligible for listing on, the National Historic Register.

H. Operational Standards—Pathogens and Vector Attraction Reduction

1. Pathogens

a. The Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 or the Class B pathogen requirements and site restrictions in LAC 33:IX.7309.C.2 shall be met when bulk biosolids are

applied to agricultural land, forest, a public contact site, or a reclamation site.

b. The Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 shall be met when biosolids are applied to a lawn or a home garden.

c. The Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 shall be met when biosolids are sold or given away in a bag or other container for application to the land.

2. Vector Attraction Reduction

a. One of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g shall be met when bulk biosolids are applied to agricultural land, forest, a public contact site, or a reclamation site.

b. One of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e shall be met when biosolids are applied to a lawn or a home garden.

c. One of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e shall be met when biosolids are sold or given away in a bag or other container for application to the land.

I. Frequency of Monitoring

1. The frequency of monitoring for the pollutants listed in Table 1, Table 2, Table 3, and Table 4 of LAC 33:IX.7303.E; the frequency of monitoring for pathogen density requirements in LAC 33:IX.7309.C.1 and 2.b; and the frequency of monitoring for vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e shall be the frequency specified in Table 1 of LAC 33:IX.7303.I.

Table 1 of LAC 33:IX.7303.I	
Frequency of Monitoring—Land Application	
Amount of Biosolids[1] (metric tons per 365-day period)	**Frequency**
Greater than zero but less than 290	Once per year
Equal to or greater than 290 but less than 1,500	Once per quarter (four times per year)
Equal to or greater than 1,500 but less than 15,000	Once per 60 days (six times per year)
Equal to or greater than 15,000	Once per month (12 times per year)
[1]Either the amount of bulk biosolids applied to the land (on a dry weight basis) or the amount of biosolids that are bagged and sold or given away for application to the land (on a dry weight basis).	

2. After the biosolids have been monitored for two years at the frequency in Table 1 of LAC 33:IX.7303.I, the permitting authority may reduce the frequency of monitoring for pollutant concentrations and for the pathogen density requirements in LAC 33:IX.7309.C.1.e.ii and iii.

J. Recordkeeping

1. All *Class I sludge management facilities*, as defined in LAC 33:IX.7301.B, that prepare sewage sludge shall keep a record of the annual production of sewage sludge (i.e., dry ton or dry metric tons) and of the sewage sludge management practice used and retain such record for a period of five years.

2. Additional Recordkeeping

a. The recordkeeping requirements for the person who prepares the sewage sludge or biosolids that are land applied and meet the criteria in Paragraphs A.2 and 4 of this Section are those indicated in Paragraph L.9 of this Section.

b. For bulk biosolids that are applied to agricultural land, forest, a public contact site, or a reclamation site and that meet the pollutant concentrations in Table 3 of LAC 33:IX.7303.E, the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1, and the vector attraction reduction requirements in either LAC 33:IX.7309.D.2.f or g:

i. the person who prepares the bulk biosolids shall develop the following information and shall retain the information for five years:

(a). the concentration of each pollutant listed in Table 3 of LAC 33:IX.7303.E;

(b). a description of how the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 are met; and

(c). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."; and

ii. the person who applies the bulk biosolids to the land shall develop the following information and shall retain the information for five years:

(a). a description of how the general management practices in Paragraphs D.1-4 of this Section and the other management practices for bulk biosolids in Subsection G of this Section are met for each site on which bulk biosolids are applied;

(b). a description of how the vector attraction reduction requirements in either LAC 33:IX.7309.D.2.f or g are met for each site on which bulk biosolids are applied; and

(c). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the general management practices in LAC 33:IX.7303.D.1-4, the other management practices for bulk biosolids in LAC 33:IX.7303.G, and the vector attraction reduction requirement in [insert either LAC 33:IX.7309.D.2.f or g] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

c. For bulk biosolids that are applied to agricultural land, forest, a public contact site, or a reclamation site and that meet the pollutant concentrations in Table 3 of LAC 33:IX.7303.E, the Class B pathogen requirements in LAC 33:IX.7309.C.2, and the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g:

i. the person who prepares the bulk biosolids shall develop the following information and shall retain the information for five years:

(a). the concentration of each pollutant listed in Table 3 of LAC 33:IX.7303.E;

(b). a description of how the Class B pathogen requirements in LAC 33:IX.7309.C.2 are met;

(c). a description of how one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g is met; and

(d). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the Class B pathogen requirements in LAC 33:IX.7309.C.2 and the vector attraction reduction requirement in [insert one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."; and

ii. the person who applies the bulk biosolids to the land shall develop the following information and shall retain the information for five years:

(a). a description of how the general management practices in Paragraphs D.1-4 of this Section and the other management practices for bulk biosolids in Subsection G of this Section are met for each land site on which bulk biosolids are applied;

(b). a description of how the site restrictions in LAC 33:IX.7309.C.2.e are met for each land site on which bulk biosolids are applied;

(c). when the vector attraction reduction requirement in either LAC 33:IX.7309.D.2.f or g is met, a description of how the requirement is met;

(d). the date bulk biosolids are applied to each site; and

(e). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the general management practices in LAC 33:IX.7303.D.1-4, the other management practices for bulk biosolids in LAC 33:IX.7303.G, the site restrictions in LAC 33:IX.7309.C.2.e, and the vector attraction reduction requirement in [insert either LAC 33:IX.7309.D.2.f or g] was prepared for each site on which bulk biosolids are applied under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

d. For bulk biosolids applied to the land that is agricultural land, forest, a public contact site, or a reclamation site whose cumulative loading rate for each pollutant does not exceed the cumulative pollutant loading rate for each pollutant in Table 2 of LAC 33:IX.7303.E and that meet the Exceptional Quality biosolids or Class B pathogen requirements in LAC 33:IX.7309.C, and the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g:

i. the person who prepares the bulk biosolids shall develop the following information and shall retain the information for five years:

(a). the concentration of each pollutant listed in Table 1 of LAC 33:IX.7303.E in the bulk biosolids;

(b). a description of how the Exceptional Quality biosolids or Class B pathogen requirements in LAC 33:IX.7309.C are met;

(c). a description of how one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g is met; and

(d). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the pathogen requirements in [insert either LAC 33:IX.7309.C.1 or 2] and the vector attraction reduction requirement in [insert one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-g] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."; and

ii. the person who applies the bulk biosolids to the land shall develop the following information, retain the information in Subclauses J.2.d.ii.(a)-(g) of this Section indefinitely, and retain the information in Subclauses J.2.d.ii.(h)-(m) of this Section for five years:

(a). the location, by either street address or latitude and longitude, of each land site on which bulk biosolids are applied;

(b). the number of hectares or acres in each site on which bulk biosolids are applied;

(c). the date bulk biosolids are applied to each land site;

(d). the cumulative amount of each pollutant (i.e., kilograms) listed in Table 2 of LAC 33:IX.7303.E in the bulk biosolids applied to each land site, including the amount in Paragraph F.7 of this Section;

(e). the amount of biosolids (i.e., tons or metric tons) applied to each land site;

(f). a description of how the information was obtained in order to comply with Subsection F of this Section;

(g). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the requirements in LAC 33:IX.7303.F was prepared for each land site on which bulk biosolids were applied under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.";

(h). a description of how the general management practices in Paragraphs D.1-4 of this Section and the other management practices for bulk biosolids in Subsection G of this Section are met for each land site on which bulk biosolids are applied;

(i). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the general management practices in LAC 33:IX.7303.D.1-4 and the other management practices for bulk biosolids in LAC 33:IX.7303.G was prepared for each land site on which bulk biosolids were applied under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.";

(j). a description of how the site restrictions in LAC 33:IX.7309.C.2.e are met for each land site on which Class B bulk biosolids are applied;

(k). the following certification statement when the bulk biosolids meet the Class B pathogen requirements in LAC 33:IX.7309.C.2:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the site restrictions in LAC 33:IX.7309.C.2.e for each land site on which Class B biosolids were applied was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.";

(l). if the vector attraction reduction requirements in either LAC 33:IX.7309.D.2.f or g are met, a description of how the requirements are met; and

(m). the following certification statement when the vector attraction reduction requirement in either LAC 33:IX.7309.D.2.f or g is met:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the vector attraction reduction requirement in [insert either LAC 33:IX.7309.D.2.f or g] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

e. For biosolids sold or given away in a bag or other container for application to the land meeting the requirement at Clause E.1.d.ii of this Section, the Exceptional Quality biosolids pathogen requirements at LAC 33:IX.7309.C.1, and the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e:

i. the person who prepares the biosolids that are sold or given away in a bag or other container shall develop the following information and shall retain the information for five years:

(a). the annual whole biosolids application rate for the biosolids that does not cause the annual pollutant loading rates in Table 4 of LAC 33:IX.7303.E to be exceeded;

(b). the concentration of each pollutant listed in Table 4 of LAC 33:IX.7303.E in the biosolids;

(c). a description of how the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 are met;

(d). a description of how one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e is met;

(e). a description of how the general management practice in Subparagraph D.5.b of this Section was met; and

(f). the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the general management practice in LAC 33:IX.7303.D.5.b, the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1, and the vector attraction reduction requirement in [insert one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."; and

ii. the person who applies the biosolids that are given away or sold in a bag or other container to the land that is agricultural land, forest, a public contact site, or a reclamation area shall develop the following information and shall retain the information for five years:

(a). a description of how the general management practices in Paragraphs D.1-4 and Subparagraph D.5.a of this Section are met for each site on

which the biosolids given away or sold in a bag or other container are applied; and

(b). the following certification statement:

"I certify, under penalty of law, that the information that will be used to determine compliance with the general management practices in LAC 33:IX.7303.D.1-4 and D.5.a was prepared for each site on which biosolids given away or sold in a bag or other container are applied under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including fine and imprisonment."

K. Reporting

1. All *Class I sludge management facilities*, as defined in LAC 33:IX.7301.B, that prepare sewage sludge shall submit the information in Paragraph J.1 of this Section to the administrative authority on February 19 of each year.

2. Additional Reporting Requirements

a. Reporting requirements for a person who prepares *Exceptional Quality biosolids,* as defined in LAC 33:IX.7301.B, from sewage sludge, having a permit to do so, are as indicated in Paragraph L.10of this Section.

b. All other *Class I sludge management facilities*, as defined in LAC 33:IX.7301.B, that apply bulk biosolids to the land and are required to obtain a permit under LAC 33:IX.7301.D, shall submit the information in Paragraph J.2 of this Section, for the appropriate requirements, to the administrative authority as follows.

i. For facilities having a frequency of monitoring in Table 1 of LAC 33:IX.7303.I of once per year, the reporting period and the report due date shall be as specified in Table 1 of LAC 33:IX.7303.K.

Table 1 of LAC 33:IX.7303.K	
Reporting—Land Application	
Monitoring Period (Once per Year)	**Report Due Date**
January - December	February 28

ii. For facilities having a frequency of monitoring in Table 1 of LAC 33:IX.7303.I of once per quarter (four times per year), the reporting period and the report due date shall be as specified in Table 2 of LAC 33:IX.7303.K.

Table 2 of LAC 33:IX.7303.K	
Reporting—Land Application	
Monitoring Period[1] (Once per Quarter)	**Report Due Date**
January, February, March	August 28
April, May, June	
July, August, September	February 28
October, November, December	
[1]Separate reports must be submitted for each monitoring period.	

iii. For facilities having a frequency of monitoring in Table 1 of LAC 33:IX.7303.I of once per 60 days (six times per year), the reporting period and the report due date shall be as specified in Table 3 of LAC 33:IX.7303.K.

Table 3 of LAC 33:IX.7303.K	
Reporting—Land Application	
Monitoring Period[1] (Once per 60 Days)	**Report Due Date**
January, February	June 28
March, April	
May, June	October 28
July, August	
September, October	February 28
November, December	
[1]Separate reports must be submitted for each monitoring period.	

iv. For facilities having a frequency of monitoring in Table 1 of LAC 33:IX.7303.I of once per month (12 times per year), the reporting period and the report due date shall be as specified in Table 4 of LAC 33:IX.7303.K.

Table 4 of LAC 33:IX.7303.K	
Reporting—Land Application	
Monitoring Period[1] (Once per Month)	**Report Due Date**
January	May 28
February	
March	
April	August 28
May	
June	
July	November 28
August	
September	
October	February 28
November	
December	
[1]Separate reports must be submitted for each monitoring period.	

3. The administrative authority may require any facility indicated in Subparagraph K.2.a of this Section to report any or all of the information required in Subparagraph K.2.b of this Section if deemed necessary for the protection of human health or the environment.

L. Requirements for Persons Who Prepare Sewage Sludge as Exceptional Quality Biosolids

1. A person who prepares sewage sludge as Exceptional Quality biosolids must prepare the sewage sludge in a manner that will assure that the sewage sludge meets all of the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B, and shall forward to the administrative authority a Sewage Sludge and Biosolids Use or Disposal Permit application form having the following information:

a. the laboratory analysis of the metals in Tables 1 and 3 of LAC 33:IX.7303.E;

b. the laboratory analysis for percent dry solids, percent ammonia nitrogen, percent nitrate-nitrite, percent total Kjeldahl nitrogen, percent organic nitrogen, percent phosphorus, percent potassium, percent organic matter, and pH if the sewage sludge or biosolids underwent or was

subjected to any type of alkaline stabilization and/or alkaline treatment;

c. the laboratory results for polychlorinated biphenyls (PCBs);

d. the Exceptional Quality biosolids pathogen requirement in LAC 33:IX.7309.C.1 that will be utilized;

e. the vector attraction reduction requirement in LAC 33:IX.7309.D.2.a-e that will be utilized; and

f. an example of the label or information sheet that will accompany biosolids that are sold or given away either in bulk or in a bag, containing the following information:

i. the name and address of the preparer;

ii. the concentration (by volume) of each metal in Table 3 of LAC 33:IX.7303.E;

iii. total nitrogen;

iv. percent ammonia (as N);

v. percent phosphorus;

vi. pH;

vii. the concentration of PCBs in mg/kg of total solids (dry wt.); and

viii. application instructions and a statement that application of the biosolids to the land is prohibited except in accordance with the instructions on the label or information sheet.

2. The administrative authority may require that the biosolids meet more stringent pollutant limits, or limits for additional pollutants than those listed in Subparagraphs L.1.a-e of this Section, on a case-by-case basis after determining that the more stringent pollutant limits or limits for additional pollutants are needed to protect human health and the environment from any reasonably-anticipated adverse effect that may occur from the application of the biosolids to the land.

3. Samples required to be collected in accordance with Subparagraphs L1.a-c of this Section shall be from at least four representative samplings of the biosolids taken at least 60 days apart within the 12 months prior to the date of the submittal of the Sewage Sludge and Biosolids Use or Disposal Permit application form.

4. All permits issued to persons who prepare sewage sludge as Exceptional Quality biosolids shall have a term of not more than five years.

5. For the term of the permit, the preparer of the biosolids shall conduct continued sampling at a frequency of monitoring of once per quarter. The samples shall be analyzed for the parameters specified in Subparagraphs L.1.a-c of this Section, and for the pathogen and vector attraction reduction requirements in Subparagraphs L.1.d and e, as required by LAC 33:IX.7309.

6. If results of the sampling indicate that the biosolids are no longer *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B, then the preparer must cease any land application of the biosolids as Exceptional Quality biosolids.

7. If biosolids that are no longer Exceptional Quality biosolids are used or disposed, the exemption for Exceptional Quality biosolids no longer applies, and the biosolids must meet all the requirements and restrictions of this Chapter that apply to biosolids that are no longer Exceptional Quality biosolids.

8. Biosolids shall not be applied to the land as Exceptional Quality biosolids until the sample analyses have shown that the biosolids meet the criteria for *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

9. The person who prepares the biosolids shall develop the following information and shall retain the information for five years:

a. the results of the sample analysis required in Paragraph L.5 of this Section; and

b. the following certification statement:

> "I certify, under penalty of law, that the information that will be used to determine compliance with the Exceptional Quality biosolids pathogen requirements in LAC 33:IX.7309.C.1 and the vector attraction reduction requirement in [insert one of the vector attraction reduction requirements in LAC 33:IX.7309.D.2.a-e] was prepared under my direction and supervision in accordance with the system as described in the permit application, designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

10. The person who prepares Exceptional Quality biosolids shall forward the information required in Paragraph L.9 of this Section to the administrative authority on a quarterly basis. The schedule for quarterly submission is contained in the following table.

Schedule for Quarterly Submission	
Monitoring Period	**DMR Due Date**
January, February, March	May 28
April, May, June	August 28
July, August, September	November 28
October, November, December	February 28

M. Any person subject to these regulations who prepares sewage sludge may petition the administrative authority to allow the land application of sewage sludge that is mixed with grease that was pumped or removed from a food service facility.

1. The administrative authority may grant temporary approval, for a period not to exceed one year, for the land application of sewage sludge that is mixed with grease that was pumped or removed from a food service facility, along with the appropriate monitoring, sampling and analysis, recordkeeping, and reporting requirements, when petitions for such are deemed appropriate after consideration of the factors enumerated in Paragraph M.2 of this Section as well as any other pertinent factors.

2. Each petition for the allowance of land application of sewage sludge that is mixed with grease that was pumped or removed from a food service facility shall:

a. be submitted in writing to the administrative authority;

b. be accompanied by evidence of public notice in the state journal and in the local journal; and

c. contain the following information:

i. documentation to prove that the preparation or treatment process will be the composting process to further reduce pathogens described in LAC 33:IX.7399.Appendix L;

ii. documentation to prove that the facility owner/operator has successfully completed a department-approved composting facility operator training course; and

iii. documentation to satisfy the requirements in Subsection L of this Section and LAC 33:IX.7305 and 7307.

3. If the owner/operator wishes to continue operation of the compost facility, he or she shall submit to the administrative authority a completed Sewage Sludge and Biosolids Use or Disposal Permit application form at least 180 days prior to the expiration date of the approval. The decision to grant or deny a permit for continuation of the compost operation shall be based on the information provided in the permit application, the monitoring and sampling and analysis results submitted during the one-year approval period, and any comments or other information received during the standard permit public notice period.

N. Procedure for the Addition or Removal of Land Application Sites

1. If a person who possesses a Sewage Sludge and Biosolids Use or Disposal Permit wishes to add a land application site or sites to the permit, the person shall submit a request package to the administrative authority containing the following information:

a. evidence of notification of the landowners bordering the proposed land application site or sites. The notification shall be in the form of a public notice placed in the local newspaper being circulated in the area of the proposed site or sites, certified letters of notification that were either hand delivered or mailed to the landowners bordering the proposed site or sites, or signed agreements of the landowners bordering the proposed site or sites to application of biosolids to the site or sites;

b. signed agreement(s) to the application of biosolids from the landowner(s) of the proposed site or sites; and

c. a completed Sewage Sludge and Biosolids Use or Disposal Permit application form.

2. If a person who possesses a Sewage Sludge and Biosolids Use or Disposal Permit wishes to remove a land application site or sites from the permit, the person shall submit a request package to the administrative authority at least 90 days prior to the removal of the site or sites containing the following information:

a. aerial photographs showing the location of the land application site or sites that are being proposed to be removed;

b. certification that all biosolids that were stored at the site or sites have either been land applied in accordance with the permit requirements or totally removed and used at another site in accordance with the permit requirements or removed and disposed at a permitted landfill; and

c. signed agreements from the landowner(s) of the site or sites for the site or sites to be removed from the land application of biosolids.

3. After receipt and review of the request package required in Paragraph N.1 of this Section for the addition of a land application site or sites or the request package required in Paragraph N.2 of this Section for the removal of a land application site or sites, a decision shall be rendered by the administrative authority regarding the request.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:785 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2374 (November 2007).

§7305. Siting and Operation Requirements for Commercial Preparers of Sewage Sludge [Formerly §6905]

A. Exemption. A *publicly owned treatment works (POTW)*, as defined in LAC 33:IX.7301.B, shall be exempted from the siting requirements in Subsection B of this Section and the facility closure requirements in Paragraph C.3 of this Section if the POTW prepares only sewage sludge generated at the POTW or sewage sludge generated at a facility that is owned or operated by the POTW and the POTW's sewage sludge treatment facility is located within the POTW's boundary or perimeter.

B. Siting

1. Location Characteristics

a. Facilities shall not be located less than 200 feet from a property line. A reduction in this requirement shall be allowed only with the permission, in the form of a notarized affidavit, of the adjoining landowners and occupants. A copy of the notarized affidavit waiving the 200-foot buffer zone shall be entered in the mortgage and conveyance records of the parish for the adjoining landowner's property.

b. Facilities shall not be located less than 300 feet from a private potable water supply or a private water supply elevated storage tank or ground storage tank unless special permission is granted by the private potable water supply owner.

c. Facilities shall not be located less than 300 feet from a public potable water supply or a public water supply

elevated storage tank or ground storage tank unless special permission is granted by the Department of Health and Hospitals.

d. Facilities shall not be located less than 100 feet from wetlands, surface waters (streams, ponds, lakes), or areas historically subject to overflow from floods.

e. Facilities shall only be located in a hydrologic section where the historic high water table is at a minimum of a 3-foot depth below the surface, or the water table at the facility shall be controlled to a minimum of a 3-foot depth below this zone.

f. Untreated sewage sludge, other materials, feedstock, or supplements to be utilized at a facility shall not be located less than 25 feet from a subsurface drainage pipe or drainage ditch that discharges directly to waters of the state.

g. New or first-time-permitted facilities that are not located within the boundaries of a legally zoned and established industrial park:

i. shall not be located less than 1,000 feet from an established institution, as defined in LAC 33:IX.7301.B, unless special permission is granted by the owner of the institution. The permission must be in the form of an affidavit executed by the owner waiving the 1,000-foot buffer zone. However, in no case shall the facility be located less than 200 feet from such an institution; and

ii. shall not be located less than 500 feet from an established home residence unless special permission has been granted by the owner and/or lessee of the established home residence in the form of an affidavit executed by the owner and/or lessee waiving the 500-foot buffer zone. However, in no case shall the facility be located less than 200 feet from an established home residence.

h. Facilities that prepare or compost only sewage sludge or blend, mix, or compost sewage sludge and have only woodchips or yard waste (e.g., leaves, lawn clippings, or branches) as feedstock or supplements shall not be located closer than the greater of the following distances from an airport:

i. 1,200 feet from the *air operations area*, as defined in LAC 33:IX.7301.B; or

ii. the distance called for by the U.S. Department of Transportation Federal Aviation Administration's airport design requirements.

i. Facilities that blend, mix, or compost sewage sludge that include food or other municipal solid waste as feedstock or supplements shall not be located closer than:

i. 5,000 feet from any airport property boundary (including the air operations area) if the airport does not sell Jet-A fuel and serves only piston-powered aircraft; or

ii. 10,000 feet from any airport property boundary (including the air operations area) if the airport sells Jet-A fuel and serves turbine-powered aircraft, or sells Jet-A fuel and is designed to serve turbine-powered and/or piston-powered aircraft.

j. Storage and processing of sewage sludge or biosolids is prohibited within any of the buffer zones indicated in Subparagraphs B.1.a-i of this Section.

k. Facilities located in, or within 1,000 feet of, swamps, marshes, wetlands, estuaries, wildlife-hatchery areas, habitat of endangered species, archaeological sites, historic sites, publicly owned recreation areas, and similar critical environmental areas shall be isolated from such areas by effective barriers that eliminate probable adverse impacts from facility operations.

l. Facilities located in, or within 1,000 feet of, an aquifer recharge zone shall be designed to protect the area from adverse impacts of operations at the facility.

m. Access to facilities by land or water transportation shall be by all-weather roads or waterways that can meet the demands of the facility and are designed to avoid, to the extent practicable, congestion, sharp turns, obstructions, or other hazards conducive to accidents; and the surface roadways shall be adequate to withstand the weight of transportation vehicles.

2. Facility Characteristics

a. Perimeter Barriers, Security, and Signs

i. All facilities shall have a perimeter barrier around the facility that prevents unauthorized ingress or egress, except by willful entry.

ii. During operating hours, each facility entry point shall be continuously monitored, manned, or locked.

iii. During non-operating hours, each facility entry point shall be locked.

iv. All facilities that receive sewage sludge, other materials, feedstock, or supplements from off-site sources shall post readable signs that list the types of sewage sludge, other materials, feedstock, or supplements that can be received at the facility.

b. Fire Protection and Medical Care. All facilities shall have access to required fire protection and medical care with access gates that are wide enough to allow easy access for emergency vehicles, or such services shall be provided internally.

c. Receiving and Monitoring Sewage Sludge, Other Materials, Feedstock, or Supplements Used

i. Any facility used to prepare sewage sludge shall be equipped with a device or method to determine quantity (by wet-weight tonnage), sources (whether the sewage sludge, other materials, feedstock, or supplements to be mixed with the sewage were generated in-state or out-of-state), and types of other materials, feedstock, or supplements. The facility shall also be equipped with a device or method to control entry of sewage sludge, other materials, feedstock, or supplements coming on-site and prevent entry of unrecorded or unauthorized deliverables

(i.e., hazardous, industrial, unauthorized, or unpermitted solid waste).

ii. Any facility used to prepare sewage sludge shall be equipped with a central control and recordkeeping system for tabulating the information required in Clause B.2.c.i of this Section.

3. Facility Surface Hydrology

a. Surface-runoff-diversion levees, canals, or devices shall be installed to prevent drainage from the facility to adjoining areas during a 24-hour/25-year storm event. When rainfall records are not available, the design standard shall be 12 inches of rainfall below 3l degrees north latitude and 9 inches of rainfall above 3l degrees north latitude. If the 24-hour/25-year storm event level is lower, the design standard shall be required.

b. Storm water run-on shall be prevented from entering the receiving, processing, curing, and storage areas by the use of berms or other physical barriers.

c. The topography of the facility shall provide for drainage to prevent standing water and shall allow for drainage away from the facility.

d. All storm water and wastewater from a facility must conform to applicable requirements of LAC 33:IX.Chapters 23-67.

4. Facility Geology

a. Except as provided in Subparagraph B.4.c of this Section, facilities shall have natural stable soils of low permeability for the area occupied by the facility, including vehicle parking and turnaround areas, that should provide a barrier to prevent any penetration of surface spills into groundwater aquifers underlying the area or to a sand or other water-bearing strata that would provide conduits to such an aquifer.

b. The natural soil surface must be capable of supporting heavy equipment operation during and after prolonged periods of rain.

c. A design for surfacing natural soils that do not meet the requirements in Subparagraphs B.4.a and b of this Section shall be prepared under the supervision of a registered engineer, licensed in the state of Louisiana with expertise in geotechnical engineering and geohydrology. Written certification by the engineer that the surface satisfies the requirements of Subparagraphs B.4.a and b of this Section shall be provided.

5. Facility Plans and Specifications. Facility plans and specifications represented and described in the permit applications or permit modifications for all facilities must be prepared under the supervision of, and certified by, a registered engineer, licensed in the state of Louisiana.

6. Facility Administrative Procedures

a. Permit Modifications. Permit modifications shall be in accordance with the requirements of this Chapter.

b. Personnel. All facilities shall have the personnel necessary to achieve the operational requirements of the facility.

C. Operations

1. Operational Requirements for All Preparers of Sewage Sludge

a. Facility Operations and Maintenance Manual

i. A facility operations and maintenance manual shall be developed and forwarded with the permit application to the administrative authority.

ii. The facility operations and maintenance manual shall describe, in specific detail, how the sewage sludge and the other feedstock or supplements to be blended, composted, or mixed with the sewage sludge (if applicable) will be managed during all phases of processing operations. At a minimum, the manual shall address the following:

(a). site and project description;

(b). regulatory interfaces;

(c). process management plan;

(d). pathogen treatment plan;

(e). odor management plan;

(f). worker health and safety management plan;

(g). housekeeping and nuisance management plan;

(h). emergency preparedness plan;

(i). security, community relations, and public access plan;

(j). regulated chemicals (list and location of regulated chemicals kept on-site);

(k). recordkeeping procedures;

(l). feedstock, supplements, and process management;

(m). product distribution records;

(n). operator certification; and

(o). administration of the operations and maintenance manual.

iii. The facility operations and maintenance manual shall be keep on-site and readily available to employees and, if requested, to the administrative authority or his/her duly authorized representative.

b. Facility Operational Standards

i. The facility must include a receiving area, a mixing area, a curing area, a compost storage area for composting operations, drying and screening areas, and a truck wash area, which shall be located on surfaces capable of preventing groundwater contamination (periodic inspections of the surface shall be made to ensure that the

underlying soils and the surrounding land surface are not being contaminated).

ii. All containers shall provide containment of the sewage sludge and the other feedstock or supplements to be blended, composted, or mixed with the sewage sludge, and thereby control litter and other pollution of adjoining areas.

iii. Provisions shall be made for the daily cleanup of the facility, including equipment and waste-handling areas.

iv. Treatment facilities for washdown and contaminated water shall be provided, or the wastewater contained, collected, and transported off-site to an approved wastewater treatment facility.

v. Leachate produced in the composting process:

(a). shall be collected and disposed off-site at a permitted facility; or

(b). shall be collected, treated, and discharged on-site in accordance with LAC 33:IX.Chapters 23-67; or

(c). may be reused in the composting process as a source of moisture.

vi. Sufficient equipment shall be provided and maintained at all facilities to meet their operational needs.

vii. Odor Management

(a). The production of odor shall be minimized.

(b). Processed air and other sources of odor shall be contained and, if necessary, treated in order to remove odor before discharging to the atmosphere.

viii. Other feedstock and supplements that are blended, composted, or mixed with sewage sludge shall be treated for the effective removal of sharps including, but not limited to, sewing needles, straight pins, hypodermic needles, telephone wires, and metal bracelets.

2. Additional Operational Requirements for Composters

a. The facility operations and maintenance manual shall include the methods utilized for managing the biological conditions during the composting procedure (i.e., carbon/nitrogen ratio, moisture, O_2 levels, free air space).

b. The composting procedure shall begin within 24 hours of receipt of the material to be prepared as a compost.

c. The facility shall have a storage capacity designed for the finished compost for a quantity not to exceed 18 months' production.

d. Any compost made from sewage sludge that cannot be used according to these regulations shall be reprocessed or disposed of in an approved facility.

e. Composted sewage sludge shall be used, sold, or disposed of at a permitted disposal facility within 36 months of completion of the composting process.

f. The final composted product shall be stable and mature.

g. In addition to the label requirements in LAC 33:IX.7303.L.1.f.i-viii, the label that must accompany all compost sold or given away either in bulk or in a bag or other container shall contain the following information:

i. soluble salt content;

ii. water holding capacity;

iii. bulk density (lbs/yd^3);

iv. particle size;

v. moisture content; and

vi. organic matter content.

h. Adequate covers shall be provided for windrows during the curing stage to protect the compost from rainwater.

i. Covered areas shall be provided where feedstock is prepared.

3. Facility Closure Requirements

a. Notification of Intent to Close a Facility. All permit holders shall notify the administrative authority in writing at least 90 days before closure or intent to close, seal, or abandon any individual units within a facility and shall provide the following information:

i. the date of planned closure;

ii. changes, if any, requested in the approved closure plan; and

iii. the closure schedule and estimated cost.

b. Closure Requirements

i. An insect and rodent inspection is required before closure. Extermination measures, if required, must be provided.

ii. All remaining untreated and unprepared sewage sludge, other materials, feedstock, and supplements shall be dewatered, removed, and disposed of in a permitted facility within 10 days of ceasing operations.

iii. All biosolids shall be used or disposed of in accordance with the provisions set forth in these regulations within 10 days of ceasing operations.

c. Additional Closure Requirements. Additional closure requirements for commercial preparers of sewage sludge who utilize composting as the process to prepare the sewage sludge and for all other commercial preparers of sewage sludge who prepare an amount of sewage sludge equal to or greater than 15,000 metric tons per year are as follows.

i. The permit holder shall verify that the soils within the facility boundary have not been contaminated in the operation of the facility.

ii. If contamination exists, a remediation/removal program developed to meet the requirements of Subparagraph C.3.d of this Section must be provided to the administrative authority.

d. Remediation/Removal Program

i. If a clean closure is achieved, there are no further post-closure requirements. The plan for clean closure must reflect a method for determining that all waste has been removed, and such a plan shall, at a minimum, include the following:

(a). identification (analysis) of the sewage sludge, other materials, feedstock, and supplements that have entered the facility;

(b). selection of the indicator parameters to be sampled that are intrinsic to the sewage sludge, other materials, feedstock, and supplements that have entered the facility in order to establish clean-closure criteria. Justification of the parameters selected shall be provided in the closure plan;

(c). sampling and analyses of the uncontaminated soils in the general area of the facility for a determination of background levels using the indicator parameters selected. A diagram showing the location of the area proposed for the background sampling, along with a description of the sampling and testing methods, shall be provided;

(d). a discussion of the sampling and analyses of the "clean" soils for the selected parameters after the waste and contaminated soils have been excavated. Documentation regarding the sampling and testing methods (i.e., including a plan view of the facility, sampling locations, and sampling quality-assurance/quality-control programs) shall be provided;

(e). a discussion of a comparison of the sample(s) from the area of the excavated facility to the background sample. Concentrations of the selected parameter(s) of the bottom and side soil samples of the facility must be equal to or less than the background sample to meet clean closure criteria;

(f). submission of the analyses to the Office of Environmental Services confirming that the requirements of Subparagraph C.3.b of this Section have been satisfied;

(g). identification of the facility to be used for the disposal of the excavated waste; and

(h). a statement from the permit holder indicating that, after the closure requirements have been met, the permit holder will file a request for a closure inspection with the Office of Environmental Services before backfilling takes place. The administrative authority will determine whether the facility has been closed properly.

ii. If the permit holder demonstrates that removal of most of the biosolids, untreated sewage sludge, other materials, feedstock, and supplements in order to achieve an alternate level of contaminants based on indicator parameters in the contaminated soil will be adequately protective of human health and the environment (including groundwater) in accordance with LAC 33:I.Chapter 13, the administrative authority may decrease or eliminate the post-closure requirements.

(a). If levels of contamination at the time of closure meet applicable standards as specified in LAC 33:I.Chapter 13 and approval of the administrative authority is granted, the requirements of Clause C.3.c.ii of this Section shall not apply.

(b). Excepting those sites closed in accordance with Subclause C.3.c.ii.(a) of this Section, within 90 days after a closure is completed, the permit holder must have entered in the mortgage and conveyance records of the parish in which the property is located, a notation stating that solid waste remains at the site and providing the indicator levels obtained during closure.

iii. Upon determination by the administrative authority that a facility has completed closure in accordance with an approved plan, the administrative authority shall release the closure fund to the permit holder.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

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§7307. Financial Assurance Requirements for Commercial Preparers of Sewage Sludge and Commercial Land Appliers of Biosolids [Formerly §6907]

A. Financial Responsibility during Operation. Commercial preparers of sewage sludge and commercial land appliers of biosolids have the following financial responsibilities while their facilities are in operation.

1. Commercial preparers of sewage sludge and commercial land appliers of biosolids have the same financial assurance requirements as privately-owned sewage treatment facilities (LAC 33:IX.Chapter 67) if the amount of sewage sludge prepared or the amount of biosolids applied to the land is less than 15,000 metric tons per year. If these requirements cannot be met, an alternative financial assurance mechanism shall be submitted for review and approval by the administrative authority. Such an alternative financial assurance mechanism shall not result in a value of financial assurance that is less than the amount provided as a written cost estimate for closure of the facility in the permit application.

2. All other commercial preparers of sewage sludge and commercial land appliers of biosolids shall maintain liability insurance, or its equivalent, for sudden and accidental occurrences in the amount of $1 million per occurrence and $1 million annual aggregate, per site, exclusive of legal defense costs, for claims arising from injury to persons or property, owing to the operation of the

site. Evidence of this coverage shall be updated annually and provided to the Office of Environmental Services. This financial responsibility may be established by any one or a combination of the following.

a. Evidence of Liability Insurance. Evidence of liability insurance may consist of either a signed duplicate original of a commercial preparer of sewage sludge or commercial land applier of biosolids liability endorsement, or a certificate of insurance. All liability endorsements and certificates of insurance must include:

i. a statement of coverage relative to environmental risks;

ii. a statement of all exclusions to the policy; and

iii. a certification by the insurer that the insurance afforded with respect to such sudden accidental occurrences is subject to all of the terms and conditions of the policy provided, however, that any provisions of the policy inconsistent with Subclauses A.2.a.iii.(a)-(f) of this Section are amended to conform with said Subclauses:

(a). bankruptcy or insolvency of the insured shall not relieve the insurer of its obligations under the policy;

(b). the insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated as specified in Subparagraph A.2.d, e, or f of this Section;

(c). whenever requested by the administrative authority, the insurer agrees to furnish to the administrative authority a signed duplicate original of the policy and all endorsements;

(d). cancellation of the policy, whether by the insurer or the insured, will be effective only upon written notice and upon lapse of 60 days after a copy of such written notice is received by the Office of Environmental Services;

(e). any other termination of the policy will be effective only upon written notice and upon lapse of 30 days after a copy of such written notice is received by the Office of Environmental Services; and

(f). the insurer is admitted, authorized, or eligible to conduct insurance business in the state of Louisiana.

b. Wording of Liability Endorsement. The wording of a liability endorsement shall be identical to the wording in LAC 33:IX.7395.Appendix A, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

c. Wording of Certificate of Insurance. The wording of a certificate of insurance shall be identical to the wording in LAC 33:IX.7395.Appendix B, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

d. Letter of Credit. A permit holder or applicant may satisfy the requirements of this Subsection by obtaining an irrevocable standby letter of credit that conforms to the following requirements and submitting the letter to the administrative authority.

i. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter-of-credit operations are regulated and examined by a federal or state agency.

ii. A permit holder or applicant who uses a letter of credit to satisfy the requirements of this Subsection must also provide to the administrative authority evidence of the establishment of a standby trust fund. Under the terms of the letter of credit, all amounts paid pursuant to a draft by the administrative authority will be deposited by the issuing institution directly into the standby trust fund. The wording of the standby trust fund agreement shall be as specified in Subparagraph B.3.i of this Section.

iii. The letter of credit must be accompanied by a letter from the permit holder or applicant referring to the letter of credit by number, name of issuing institution, and date, and providing the following information:

(a). the agency interest number;

(b). the site name;

(c). the facility name;

(d). the facility permit number; and

(e). the amount of funds assured for liability coverage of the facility by the letter of credit.

iv. The letter of credit must be irrevocable and issued for a period of at least one year unless, at least 120 days before the current expiration date, the issuing institution notifies both the permit holder and the administrative authority by certified mail of a decision not to extend the expiration date. Under the terms of the letter of credit, the 120 days will begin on the date when both the permit holder and the Office of Environmental Services receive the notice, as evidenced by the return receipts.

v. The wording of the letter of credit shall be identical to the wording in LAC 33:IX.7395.Appendix C, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

e. Financial Test

i. To meet this test, the applicant, permit holder, or parent corporation of the applicant (corporate guarantor) or permit holder must submit to the Office of Environmental Services the documents required by Paragraph B.8 of this Section demonstrating that the requirements of Paragraph B.8 of this Section have been met. Use of the financial test may be disallowed on the basis of the accessibility of the assets of the permit holder, applicant, or parent corporation (corporate guarantor). If the applicant, permit holder, or parent corporation is using the financial test to demonstrate liability coverage and closure and post-closure care, only one letter from the chief financial officer is required.

ii. The assets of the parent corporation of the applicant or permit holder shall not be used to determine whether the applicant or permit holder satisfies the financial test, unless the parent corporation has supplied a corporate guarantee as authorized in Subparagraph A.2.f of this Section.

iii. The wording of the financial test shall be as specified in Subparagraph B.8.d of this Section.

f. Corporate Guarantee

i. A permit holder or applicant may meet the requirements of Paragraph A.2of this Section for liability coverage by obtaining a written guarantee, hereafter referred to as a *corporate guarantee*. The guarantor must demonstrate to the administrative authority that the guarantor meets the requirements in this Subsection and must comply with the terms of the corporate guarantee. The corporate guarantee must accompany the items sent to the administrative authority specified in Subparagraphs B.8.b and d of this Section. The terms of the corporate guarantee must be in an authentic act signed and sworn to by an authorized officer of the corporation before a notary public and must provide that:

(a). the guarantor meets or exceeds the financial test criteria and agrees to comply with the reporting requirements for guarantors as specified in Paragraph B.8 of this Section;

(b). the guarantor is the parent corporation of the permit holder or applicant of the commercial preparer of sewage sludge or land applier of biosolids to be covered by the guarantee, and the guarantee extends to certain facilities;

(c). if the permit holder or applicant fails to satisfy a judgment based on a determination of liability for bodily injury or property damage to third parties caused by sudden and accidental occurrences (or both as the case may be), arising from the operation of facilities covered by the corporate guarantee, or fails to pay an amount agreed to in settlement of the claims arising from or alleged to arise from such injury or damage, the guarantor will do so up to the limits of coverage;

(d). the guarantor agrees that if, at the end of any fiscal year before termination of the guarantee, the guarantor fails to meet the financial test criteria, the guarantor shall send within 90 days, by certified mail, notice to the Office of Environmental Services and to the permit holder or applicant, that he intends to provide alternative financial assurance as specified in this Subsection, in the name of the permit holder or applicant, and that within 120 days after the end of said fiscal year the guarantor shall establish such financial assurance, unless the permit holder or applicant has done so;

(e). the guarantor agrees to notify the Office of Environmental Services by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the guarantor as debtor, within 10 days after commencement of the proceeding;

(f). the guarantor agrees that within 30 days after being notified by the administrative authority of a determination that the guarantor no longer meets the financial test criteria or that he or she is disallowed from continuing as a guarantor of closure or post-closure care, he or she shall establish alternate financial assurance as specified in this Subsection in the name of the permit holder or applicant unless the permit holder or applicant has done so;

(g). the guarantor agrees to remain bound under the guarantee notwithstanding any or all of the following: amendment or modification of the permit, or any other modification or alteration of an obligation of the permit holder or applicant in accordance with these regulations;

(h). the guarantor agrees to remain bound under the guarantee for as long as the permit holder or applicant must comply with the applicable financial assurance requirements of Subsection B of this Section for the above-listed facilities, except that the guarantor may cancel this guarantee by sending notice by certified mail to the administrative authority and the permit holder or applicant. Such cancellation will become effective no earlier than 90 days after receipt of such notice by both the administrative authority and the permit holder, as evidenced by the return receipts;

(i). the guarantor agrees that if the permit holder or applicant fails to provide alternate financial assurance, as specified in this Subsection, and obtain written approval of such assurance from the administrative authority within 60 days after the administrative authority receives the guarantor's notice of cancellation, the guarantor shall provide such alternate financial assurance in the name of the permit holder or applicant;

(j). the guarantor expressly waives notice of acceptance of the guarantee by the administrative authority or by the permit holder or applicant. Guarantor also expressly waives notice of amendments or modifications of the facility permit(s); and

(k). the wording of the corporate guarantee shall be as specified in Subparagraph B.8.i of this Section.

ii. A corporate guarantee may be used to satisfy the requirements of this Section only if the attorney general(s) or insurance commissioner(s) of the state in which the guarantor is incorporated, and the state in which the facility covered by the guarantee is located, has submitted a written statement to the Office of Environmental Services that a corporate guarantee is a legally valid and enforceable obligation in that state.

g. The use of a particular financial responsibility mechanism is subject to the approval of the administrative authority.

h. Permit holders of existing facilities must submit, on or before February 20, 1995, financial responsibility documentation that complies with the requirements of this Subsection. Applicants for permits for new facilities must submit evidence of financial assurance in accordance with

this Section at least 60 days before the date on which sewage sludge, other materials, feedstock, or supplements are first received for processing.

B. Financial Responsibility for Closure and Post-Closure Care for a Commercial Preparer of Sewage Sludge

1. Permit holders or applicants have the following financial responsibilities for closure and post-closure care.

a. Permit holders or applicants shall establish and maintain financial assurance for closure and post-closure care.

b. The applicant or permit holder shall submit to the Office of Environmental Services the estimated closure date and the estimated cost of closure and post-closure care in accordance with the following procedures.

i. The applicant or permit holder must have a written estimate, in current dollars, of the cost of closing the facility in accordance with the requirements in these rules. The estimate must equal the cost of closure at the point in the facility's operating life when the extent and manner of its operation would make closure the most expensive, as indicated by the closure plan, and shall be based on the cost of hiring a third party to close the facility in accordance with the closure plan.

ii. The applicant or permit holder of a facility subject to post-closure monitoring or maintenance requirements must have a written estimate, in current dollars, of the annual cost of post-closure monitoring and maintenance of the facility in accordance with the provisions of these rules. The estimate of post-closure costs is calculated by multiplying the annual post-closure cost estimate by the number of years of post-closure care required, and shall be based on the cost of hiring a third party to conduct post-closure activities in accordance with the closure plan.

iii. The cost estimates must be adjusted within 30 days after each anniversary of the date on which the first cost estimate was prepared, on the basis of either the inflation factor derived from the Annual Implicit Price Deflator for Gross Domestic Product, as published by the U.S. Department of Commerce in its *Survey of Current Business* or a reestimation of the closure and post-closure costs in accordance with Clauses B.1.b.i-ii of this Section. The permit holder or applicant must revise the cost estimate whenever a change in the closure/post-closure plans increases or decreases the cost of the closure plan. The permit holder or applicant must submit a written notice of any such adjustment to the Office of Environmental Services within 15 days following such adjustment.

iv. For trust funds, the first payment must be at least equal to the current closure and post-closure cost estimate, divided by the number of years in the pay-in period. Subsequent payments must be made no later than 30 days after each annual anniversary of the date of the first payment. The amount of each subsequent payment must be determined by subtracting the current value of the trust fund from the current closure and post-closure cost estimates and dividing the result by the number of years remaining in the pay-in period. The initial pay-in period is based on the estimated life of the facility.

2. Financial Assurance Mechanisms. The financial assurance mechanism must be one or a combination of the following: a trust fund, a financial guarantee bond ensuring closure funding, a performance bond, a letter of credit, an insurance policy, or the financial test. The financial assurance mechanism is subject to the approval of the administrative authority and must fulfill the following criteria.

a. Except when a financial test, trust fund, or certificate of insurance is used as the financial assurance mechanism, a standby trust fund naming the administrative authority as beneficiary must be established at the time of the creation of the financial assurance mechanism into which the proceeds of such mechanism could be transferred should such funds be necessary for either closure or post-closure of the facility, and a signed copy must be furnished to the administrative authority with the mechanism.

b. A permit holder or applicant may use a financial assurance mechanism specified in this Section for more than one facility, if all such facilities are located within the state of Louisiana and are specifically identified in the mechanism.

c. The amount covered by the financial assurance mechanism(s) must equal the total of the current closure and post-closure estimates for each facility covered.

d. When all closure and post-closure requirements have been satisfactorily completed, the administrative authority shall execute an approval to terminate the financial assurance mechanism(s).

3. Trust Funds. A permit holder or applicant may satisfy the requirements of this Section by establishing a closure trust fund that conforms to the following requirements and submitting an originally-signed duplicate of the trust agreement to the Office of Environmental Services.

a. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal or state agency.

b. Trusts must be accomplished in accordance with and subject to the laws of the state of Louisiana. The beneficiary of the trust shall be the administrative authority.

c. Trust fund earnings may be used to offset required payments into the fund, to pay the fund trustee, or to pay other expenses of the funds, or may be reclaimed by the permit holder or applicant upon approval of the administrative authority.

d. The trust agreement must be accompanied by an affidavit certifying the authority of the individual signing the trust on behalf of the permit holder or applicant.

e. The permit holder or applicant may accelerate payments into the trust fund or deposit the full amount of the

current closure cost estimate at the time the fund is established. The permit holder or applicant must, however, maintain the value of the fund at no less than the value that the fund would have if annual payments were made as specified in Clause B.1.b.iv of this Section.

f. If the permit holder or applicant establishes a trust fund after having used one or more of the alternate mechanisms specified in this Section, his first payment must be in at least the amount that the fund would contain if the trust fund were established initially and annual payments made according to the specifications of this Paragraph.

g. After the pay-in period is completed, whenever the current cost estimate changes, the permit holder must compare the new estimate with the trustee's most recent annual valuation of the trust fund. If the value of the fund is less than the amount of the new estimate, the permit holder or applicant, within 60 days after the change in the cost estimate, must either deposit an amount into the fund that will make its value at least equal to the amount of the closure/post-closure cost estimate or it must estimate or obtain other financial assurance as specified in this Section to cover the difference.

h. After beginning final closure, a permit holder or any other person authorized by the permit holder to perform closure and/or post-closure may request reimbursement for closure and/or post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving bills for such activities, the administrative authority will determine whether the closure and/or post-closure expenditures are in accordance with the closure plan or otherwise justified, and if so, he or she will instruct the trustee to make reimbursement in such amounts as the administrative authority specifies in writing. If the administrative authority has reason to believe that the cost of closure and/or post-closure will be significantly greater than the value of the trust fund, he may withhold reimbursement for such amounts as he deems prudent until he determines that the permit holder is no longer required to maintain financial assurance.

i. The wording of the trust agreement shall be identical to the wording in LAC 33:IX.7395.Appendix D, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted. The trust agreement shall be accompanied by a formal certification of acknowledgement, as in the example in LAC 33:IX.7395.Appendix D.

4. Surety Bonds. A permit holder or applicant may satisfy the requirements of this Subsection by obtaining a surety bond that conforms to the following requirements and submitting the bond to the Office of Environmental Services.

a. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and be approved by the administrative authority.

b. The permit holder or applicant who uses a surety bond to satisfy the requirements of this Subsection must also provide to the administrative authority evidence of the establishment of a standby trust fund. Under the terms of the bond, all payments made thereunder will be deposited by the surety directly into the standby trust fund in accordance with instructions from the administrative authority. The wording of the standby trust fund shall be as specified in Subparagraph B.3.i of this Section.

c. The bond must guarantee that the operator will:

i. fund the standby trust fund in an amount equal to the penal sum of the bond before the beginning of final closure of the facility;

ii. fund the standby trust fund in an amount equal to the penal sum within 15 days after an order to begin closure or post-closure is issued; or

iii. provide alternate financial assurance, as specified in this Section, and obtain the administrative authority's written approval of the assurance provided within 90 days after receipt by both the permit holder and the administrative authority of a notice of cancellation of the bond from the surety.

d. Under the terms of the bond, the surety will become liable on the bond obligation when the permit holder fails to perform as guaranteed by the bond.

e. The penal sum of the bond must be at least equal to the current closure and post-closure cost estimates.

f. Whenever the current cost estimate increases to an amount greater than the penal sum, the permit holder, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure and post-closure estimate and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section to cover the increase. Whenever the current cost estimate decreases, the penal sum may be reduced to the amount of the current cost estimate following written approval by the administrative authority.

g. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the permit holder and to the Office of Environmental Services. Cancellation may not occur, however, before 120 days have elapsed, beginning on the date that both the permit holder and the administrative authority have received the notice of cancellation, as evidenced by the return receipts.

h. The wording of the surety bond guaranteeing payment into a standby trust fund shall be identical to the wording in LAC 33:IX.7395.Appendix E, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

5. Performance Bonds. A permit holder or applicant may satisfy the requirements of this Subsection by obtaining a surety bond that conforms to the following requirements and submitting the bond to the Office of Environmental Services.

a. The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties on federal bonds in Circular 570 of the U.S. Department of the Treasury, and be approved by the administrative authority.

b. The permit holder or applicant who uses a surety bond to satisfy the requirements of this Subsection must also provide to the administrative authority evidence of establishment of a standby trust fund. Under the terms of the bond, all payments made thereunder will be deposited by the surety directly into the standby trust fund in accordance with instructions from the administrative authority. The wording of the standby trust fund shall be as specified in Subparagraph B.3.i of this Section.

c. The bond must guarantee that the permit holder or applicant will:

i. perform final closure and post-closure in accordance with the closure plan and other requirements of the permit for the facility whenever required to do so; or

ii. provide alternate financial assurance, as specified in this Section, and obtain the administrative authority's written approval of the assurance provided within 90 days after the date both the permit holder and the administrative authority receive notice of cancellation of the bond from the surety.

d. Under the terms of the bond, the surety will become liable on the bond obligation when the permit holder fails to perform as guaranteed by the bond. Following a determination by the administrative authority that the permit holder has failed to perform final closure and post-closure in accordance with the closure plan and other permit requirements when required to do so, under the terms of the bond the surety will perform final closure and post-closure as guaranteed by the bond or will deposit the amount of the penal sum into the standby trust fund.

e. The penal sum of the bond must be at least equal to the current closure and post-closure cost estimates.

f. Whenever the current closure cost estimate increases to an amount greater than the penal sum, the permit holder, within 60 days after the increase, must either cause the penal sum to be increased to an amount at least equal to the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Section. Whenever the current cost estimate decreases, the penal sum may be reduced to the amount of the current cost estimate after written approval of the administrative authority.

g. Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail to the permit holder and to the Office of Environmental Services. Cancellation may not occur before 120 days have elapsed beginning on the date that both the permit holder and the administrative authority have received the notice of cancellation, as evidenced by the return receipts.

h. The wording of the performance bond shall be identical to the wording in LAC 33:IX.7395.Appendix F, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

6. Letter of Credit. A permit holder or applicant may satisfy the requirements of this Subsection by obtaining an irrevocable standby letter of credit that conforms to the following requirements and submitting the letter to the Office of Environmental Services.

a. The issuing institution must be an entity that has the authority to issue letters of credit and whose letter-of-credit operations are regulated and examined by a federal or state agency.

b. A permit holder or applicant who uses a letter of credit to satisfy the requirements of this Subsection must also provide to the administrative authority evidence of the establishment of a standby trust fund. Under the terms of the letter of credit, all amounts paid pursuant to a draft by the administrative authority will be deposited by the issuing institution directly into the standby trust fund. The wording of the standby trust fund shall be as specified in Subparagraph B.3.i of this Section.

c. The letter of credit must be accompanied by a letter from the permit holder or applicant referring to the letter of credit by number, issuing institution, and date, and providing the following information:

i. the agency interest number;

ii. the site name;

iii. the facility name;

iv. the facility permit number; and

v. the amount of funds assured for closure and/or post closure of the facility by the letter of credit.

d. The letter of credit must be irrevocable and issued for a period of at least one year, unless, at least 120 days before the current expiration date, the issuing institution notifies both the permit holder and Office of Environmental Services by certified mail of a decision not to extend the expiration date. Under the terms of the letter of credit, the 120 days will begin on the date when both the permit holder and the administrative authority have received the notice, as evidenced by the return receipts.

e. The letter of credit must be issued in an amount at least equal to the current closure and post-closure cost estimates.

f. Whenever the current cost estimates increase to an amount greater than the amount of the credit, the permit holder, within 60 days after the increase, must either cause the amount of the credit to be increased so that it at least equals the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Subsection to cover the increase. Whenever the current cost estimate decreases, the amount of the credit may be reduced to the amount of the current

closure and post-closure cost estimates upon written approval of the administrative authority.

g. Following a determination by the administrative authority that the permit holder has failed to perform final closure or post-closure in accordance with the closure plan and other permit requirements when required to do so, the administrative authority may draw on the letter of credit.

h. The wording of the letter of credit shall be identical to the wording in LAC 33:IX.7395.Appendix G, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

7. Insurance. A permit holder or applicant may satisfy the requirements of this Subsection by obtaining insurance that conforms to the following requirements and submitting a certificate of such insurance to the Office of Environmental Services.

a. At a minimum, the insurer must be licensed to transact the business of insurance, or eligible to provide insurance as an excess- or surplus-lines insurer in one or more states, and authorized to transact insurance business in the state of Louisiana.

b. The insurance policy must be issued for a face amount at least equal to the current closure and post-closure cost estimates.

c. The term "face amount" means the total amount the insurer is obligated to pay under the policy. Actual payments by the insurer will not change the face amount, although the insurer's future liability will be lowered by the amount of the payments.

d. The insurance policy must guarantee that funds will be available to close the facility and provide post-closure care once final closure occurs. The policy must also guarantee that, once final closure begins, the insurer will be responsible for paying out funds up to an amount equal to the face amount of the policy, upon the direction of the administrative authority, to such party or parties as the administrative authority specifies.

e. After beginning final closure, a permit holder or any other person authorized by the permit holder to perform closure and post-closure may request reimbursement for closure or post-closure expenditures by submitting itemized bills to the Office of Environmental Services. Within 60 days after receiving such bills, the administrative authority will determine whether the expenditures are in accordance with the closure plan or otherwise justified, and if so, he or she will instruct the insurer to make reimbursement in such amounts as the administrative authority specifies in writing.

f. The permit holder must maintain the policy in full force and effect until the administrative authority consents to termination of the policy by the permit holder.

g. Each policy must contain a provision allowing assignment of the policy to a successor permit holder. Such assignment may be conditional upon consent of the insurer, provided consent is not unreasonably refused.

h. The policy must provide that the insurer may not cancel, terminate, or fail to renew the policy except for failure to pay the premium. The automatic renewal of the policy must, at a minimum, provide the insured with the option of renewal at the face amount of the expiring policy. If there is a failure to pay the premium, the insurer may elect to cancel, terminate, or fail to renew the policy by sending notice by certified mail to the permit holder and the Office of Environmental Services. Cancellation, termination, or failure to renew may not occur, however, before 120 days have elapsed, beginning on the date that both the administrative authority and the permit holder receive notice of cancellation, as evidenced by the return receipts. Cancellation, termination, or failure to renew may not occur, and the policy will remain in full force and effect in the event that, on or before the date of expiration:

i. the administrative authority deems the facility abandoned;

ii. the permit is terminated or revoked or a new permit is denied;

iii. closure and/or post-closure is ordered;

iv. the permit holder is named as debtor in a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code; or

v. the premium due is paid.

i. Whenever the current cost estimate increases to an amount greater than the face amount of the policy, the permit holder, within 60 days after the increase, must either increase the face amount to at least equal to the current closure and post-closure cost estimates and submit evidence of such increase to the Office of Environmental Services or obtain other financial assurance as specified in this Subsection to cover the increase. Whenever the current cost estimate decreases, the face amount may be reduced to the amount of the current closure and post-closure cost estimates following written approval by the administrative authority.

j. The wording of the certificate of insurance shall be identical to the wording in LAC 33:IX.7395.Appendix H, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted.

8. Financial Test. A permit holder, applicant, or parent corporation of the permit holder or applicant, which will be responsible for the financial obligations, may satisfy the requirements of this Section by demonstrating that he or she passes a financial test as specified in this Paragraph. The assets of the parent corporation of the applicant or permit holder shall not be used to determine whether the applicant or permit holder satisfies the financial test, unless the parent corporation has supplied a corporate guarantee as outlined in Paragraph A.2.f and/or B.8.i of this Section.

a. To pass this test, the permit holder, applicant, or parent corporation of the permit holder or applicant must meet either of the following criteria:

i. the permit holder, applicant, or parent corporation of the permit holder or applicant must have:

(a). tangible net worth of at least six times the sum of the current closure and post-closure estimates to be demonstrated by this test and the amount of liability coverage to be demonstrated by this test;

(b). tangible net worth of at least $10 million; and

(c). assets in the United States amounting to either at least 90 percent of his total assets, or at least six times the sum of the current closure and post-closure estimates, to be demonstrated by this test, and the amount of liability coverage to be demonstrated by this test; or

ii. the permit holder, applicant, or parent corporation of the permit holder or applicant must have:

(a). a current rating for his most recent bond issuance of AAA, AA, A, or BBB, as issued by *Standard and Poor's*, or Aaa, Aa, or Baa, as issued by *Moody's*;

(b). tangible net worth of at least $10 million; and

(c). assets in the United States amounting to either 90 percent of his total assets or at least six times the sum of the current closure and post-closure estimates, to be demonstrated by this test, and the amount of liability coverage to be demonstrated by this test.

b. To demonstrate that he or she meets this test, the permit holder, applicant, or parent corporation of the permit holder or applicant must submit the following three items to the Office of Environmental Services:

i. a letter signed by the chief financial officer of the permit holder, applicant, or parent corporation demonstrating and certifying the criteria in Subparagraph B.8.a of this Section and including the information required by Subparagraph B.8.d of this Section. If the financial test is provided to demonstrate both assurance for closure and/or post-closure care and liability coverage, a single letter to cover both forms of financial responsibility is required;

ii. a copy of the independent certified public accountant's (CPA's) report on the financial statements of the permit holder, applicant, or parent corporation of the permit holder or applicant for the latest completed fiscal year; and

iii. a special report from the independent CPA to the permit holder, applicant, or parent corporation of the permit holder or applicant stating that:

(a). the CPA has computed the data specified by the chief financial officer as having been derived from the independently audited, year-end financial statements with the amounts for the latest fiscal year in such financial statements; and

(b). in connection with that procedure, no matters came to his attention that caused him to believe that the specified data should be adjusted.

c. The administrative authority may disallow use of this test on the basis of the opinion expressed by the independent CPA in his report on qualifications based on the financial statements. An adverse opinion or a disclaimer of opinion will be cause for disallowance. The administrative authority will evaluate other qualifications on an individual basis. The administrative authority may disallow the use of this test on the basis of the accessibility of the assets of the parent corporation (corporate guarantor), permit holder, or applicant. The permit holder, applicant, or parent corporation must provide evidence of insurance for the entire amount of required liability coverage, as specified in this Section, within 30 days after notification of disallowance.

d. The permit holder, applicant, or parent corporation (if a corporate guarantor) of the permit holder or applicant shall provide to the Office of Environmental Services a letter from the chief financial officer, the wording of which shall be identical to the wording in LAC 33:IX.7395.Appendix I, except that the instructions in brackets are to be replaced with the relevant information and the brackets deleted. The letter shall certify the following information:

i. a list of commercial facilities, whether in the state of Louisiana or not, owned or operated by the permit holder or applicant of the facility, for which financial assurance for liability coverage is demonstrated through the use of financial tests, including the amount of liability coverage;

ii. a list of commercial facilities, whether in the state of Louisiana or not, owned or operated by the permit holder or applicant, for which financial assurance for the closure or post-closure care is demonstrated through the use of a financial test or self-insurance by the permit holder or applicant, including the cost estimates for the closure and post-closure care of each facility;

iii. a list of the commercial facilities, whether in the state of Louisiana or not, owned or operated by any subsidiaries of the parent corporation for which financial assurance for closure and/or post-closure is demonstrated through the financial test or through use of self-insurance, including the current cost estimate for the closure or post-closure care for each facility and the amount of annual aggregate liability coverage for each facility; and

iv. a list of commercial facilities, whether in the state of Louisiana or not, for which financial assurance for closure or post-closure care is not demonstrated through the financial test, self-insurance, or other substantially equivalent state mechanisms, including the estimated cost of closure and post-closure of such facilities.

e. For the purposes of this Subsection the phrase *tangible net worth* shall mean the tangible assets that remain after liabilities have been deducted; such assets would not include intangibles such as good will and rights to patents or royalties.

f. The phrase *current closure and post-closure cost estimates*, as used in Subparagraph B.8.a of this Section, includes the cost estimates required to be shown in Subclause B.8.a.i.(a) of this Section.

g. After initial submission of the items specified in Subparagraph B.8.b of this Section, the permit holder, applicant, or parent corporation of the permit holder or applicant must send updated information to the Office of Environmental Services within 90 days after the close of each succeeding fiscal year. This information must include all three items specified in Subparagraph B.8.b of this Section.

h. The administrative authority may, on the basis of a reasonable belief that the permit holder, applicant, or parent corporation of the permit holder or applicant may no longer meet the requirements of Paragraph B.8 of this Section, require reports of financial condition at any time in addition to those specified in Subparagraph B.8.b of this Section. If the administrative authority finds, on the basis of such reports or other information, that the permit holder, applicant, or parent corporation of the permit holder or applicant no longer meets the requirements of Subparagraph B.8.b of this Section, the permit holder or applicant, or parent corporation of the permit holder or applicant must provide alternate financial assurance as specified in this Subsection within 30 days after notification of such a finding.

i. A permit holder or applicant may meet the requirements of Paragraph B.8 of this Section for closure and/or post-closure by obtaining a written guarantee, hereafter referred to as a *corporate guarantee*. The guarantor must be the parent corporation of the permit holder or applicant. The guarantor must meet the requirements and submit all information required for permit holders or applicants in Subparagraphs B.8.a-h of this Section and must comply with the terms of the corporate guarantee. The corporate guarantee must accompany the items sent to the administrative authority specified in Subparagraphs B.8.b and d of this Section. The wording of the corporate guarantee must be identical to the wording in LAC 33:IX.7395.Appendix J, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted. The terms of the corporate guarantee must be in an authentic act signed and sworn by an authorized officer of the corporation before a notary public and must provide that:

i. the guarantor meets or exceeds the financial test criteria and agrees to comply with the reporting requirements for guarantors as specified in Paragraph B.8 of this Section;

ii. the guarantor is the parent corporation of the permit holder or applicant of the commercial preparer of sewage sludge or land applier of biosolids to be covered by the guarantee, and the guarantee extends to certain facilities;

iii. *closure plans*, as used in the guarantee, refers to the plans maintained as required by the state of Louisiana commercial preparer of sewage sludge or land applier of biosolids rules and regulations for the closure and post-closure care of commercial preparers of sewage sludge facilities or commercial land appliers of biosolids sites, as identified in the guarantee;

iv. for value received from the permit holder or applicant, the guarantor guarantees to the Office of Environmental Services that the permit holder or applicant will perform closure, post-closure care, or closure and post-closure care of the facility or facilities listed in the guarantee, in accordance with the closure plan and other permit or regulatory requirements whenever required to do so. In the event that the permit holder or applicant fails to perform as specified in the closure plan, the guarantor shall do so or establish a trust fund as specified in Paragraph B.3 of this Section, in the name of the permit holder or applicant, in the amount of the current closure or post-closure cost estimates or as specified in Subparagraph B.1.b of this Section;

v. the guarantor agrees that if, at the end of any fiscal year before termination of the guarantee, the guarantor fails to meet the financial test criteria, the guarantor shall send within 90 days after the end of the fiscal year, by certified mail, notice to the Office of Environmental Services and to the permit holder or applicant that he intends to provide alternative financial assurance as specified in this Subsection, in the name of the permit holder or applicant, and that within 120 days after the end of such fiscal year, the guarantor shall establish such financial assurance unless the permit holder or applicant has done so;

vi. the guarantor agrees to notify the Office of Environmental Services by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming the guarantor as debtor, within 10 days after commencement of the proceeding;

vii. the guarantor agrees that within 30 days after being notified by the administrative authority of a determination that the guarantor no longer meets the financial test criteria or that he is disallowed from continuing as a guarantor of closure or post-closure care, he shall establish alternate financial assurance as specified in this Subsection in the name of the permit holder or applicant, unless the permit holder or applicant has done so;

viii. the guarantor agrees to remain bound under the guarantee, notwithstanding any or all of the following: amendment or modification of the closure plan, amendment or modification of the permit, extension or reduction of the time of performance of closure or post closure, or any other modification or alteration of an obligation of the permit holder or applicant in accordance with these regulations;

ix. the guarantor agrees to remain bound under the guarantee for as long as the permit holder must comply with the applicable financial assurance requirements of this Subsection for the above-listed facilities, except that the guarantor may cancel this guarantee by sending notice by certified mail to the Office of Environmental Services and the permit holder or applicant. The cancellation will become effective no earlier than 90 days after receipt of such notice by both the administrative authority and the permit holder or applicant, as evidenced by the return receipts;

x. the guarantor agrees that if the permit holder or applicant fails to provide alternative financial assurance as

specified in this Subsection, and to obtain written approval of such assurance from the administrative authority within 60 days after the administrative authority receives the guarantor's notice of cancellation, the guarantor shall provide such alternate financial assurance in the name of the owner or operator; and

xi. the guarantor expressly waives notice of acceptance of the guarantee by the administrative authority or by the permit holder. Guarantor also expressly waives notice of amendments or modifications of the closure plan and of amendments or modifications of the facility permit(s).

9. Local Government Financial Test. An owner or operator that satisfies the requirements of Subparagraphs B.9.a-c of this Section may demonstrate financial assurance up to the amount specified in Subparagraph B.9.d of this Section.

a. Financial Component

i. The owner or operator must satisfy the following conditions, as applicable:

(a). if the owner or operator has outstanding, rated, general obligation bonds that are not secured by insurance, a letter of credit, or other collateral or guarantee, he must have a current rating of Aaa, Aa, A, or Baa, as issued by *Moody's*, or AAA, AA, A, or BBB, as issued by *Standard and Poor's,* on all such general obligation bonds; or

(b). the owner or operator must satisfy the ratio of cash plus marketable securities to total expenditures being greater than or equal to 0.05 and the ratio of annual debt service to total expenditures less than or equal to 0.20 based on the owner or operator's most recent audited annual financial statement.

ii. The owner or operator must prepare its financial statements in conformity with *Generally Accepted Accounting Principles* for governments and have his financial statements audited by an independent certified public accountant (or appropriate state agency).

iii. A local government is not eligible to assure its obligations under Paragraph B.9 of this Section if it:

(a). is currently in default on any outstanding general obligation bonds;

(b). has any outstanding general obligation bonds rated lower than Baa as issued by *Moody's* or BBB as issued by *Standard and Poor's*;

(c). operated at a deficit equal to 5 percent or more of total annual revenue in each of the past two fiscal years; or

(d). receives an adverse opinion, disclaimer of opinion, or other qualified opinion from the independent certified public accountant (or appropriate state agency) auditing its financial statement as required under Clause B.9.a.ii of this Section. The administrative authority may evaluate qualified opinions on a case-by-case basis and allow use of the financial test in cases where the administrative authority deems the qualification insufficient to warrant disallowance of use of the test.

iv. The following terms used in this Subsection are defined as follows.

(a). *Deficit*—total annual revenues minus total annual expenditures.

(b). *Total Revenues*—revenues from all taxes and fees, but not including the proceeds from borrowing or asset sales, excluding revenue from funds managed by local government on behalf of a specific third party.

(c). *Total Expenditures*—all expenditures, excluding capital outlays and debt repayment.

(d). *Cash Plus Marketable* S*ecurities*—all the cash plus marketable securities held by the local government on the last day of a fiscal year, excluding cash and marketable securities designated to satisfy past obligations such as pensions.

(e). *Debt Service*—the amount of principal and interest due on a loan in a given time period, typically the current year.

b. Public Notice Component. The local government owner or operator must place a reference to the closure and post-closure care costs assured through the financial test into its next comprehensive annual financial report (CAFR) after the effective date of this Section or prior to the initial receipt of sewage sludge, other feedstock, or supplements at the facility, whichever is later. Disclosure must include the nature and source of closure and post-closure care requirements, the reported liability at the balance sheet date, the estimated total closure and post-closure care cost remaining to be recognized, the percentage of landfill capacity used to date, and the estimated landfill life in years. For closure and post-closure costs, conformance with *Governmental Accounting Standards Board Statement 18* assures compliance with this public notice component.

c. Recordkeeping and Reporting Requirements

i. The local government owner or operator must place the following items in the facility's operating record:

(a). a letter signed by the local government's chief financial officer that lists all the current cost estimates covered by a financial test, as described in Subparagraph B.9.d of this Section. It must provide evidence that the local government meets the conditions of Clauses B.9.a.i-iii of this Section, and certify that the local government meets the conditions of Clauses B.9.a.i-iii and Subparagraphs B.9.b and d of this Section;

(b). the local government's independently audited year-end financial statements for the latest fiscal year (except for local governments where audits are required every two years, and unaudited statements may be used in years when audits are not required), including the unqualified opinion of the auditor, who must be an independent certified public accountant or an appropriate state agency that conducts equivalent comprehensive audits;

(c). a report to the local government from the local government's independent certified public accountant or the appropriate state agency based on performing an agreed-upon procedures engagement relative to the financial ratios required by Subclause B.9.a.i.(b) of this Section, if applicable, and the requirements of Clause B.9.a.ii and Subclauses B.9.a.iii.(c)-(d) of this Section. The certified public accountant or state agency's report should state the procedures performed and the certified public accountant or state agency's findings; and

(d). a copy of the comprehensive annual financial report (CAFR) used to comply with Subparagraph B.9.b of this Section (certification that the requirements of *General Accounting Standards Board Statement 18* have been met).

ii. The items required in Clause B.9.c.i of this Section must be placed in the facility operating record, in the case of closure and post-closure care, either before the effective date of this Section or prior to the initial receipt of sewage sludge, other feedstock, or supplements at the facility, whichever is later.

iii. After the initial placement of the items in the facility's operating record, the local government owner or operator must update the information and place the updated information in the operating record within 180 days following the close of the owner or operator's fiscal year.

iv. The local government owner or operator is no longer required to meet the requirements of Subparagraph B.9.c of this Section when:

(a). the owner or operator substitutes alternate financial assurance, as specified in this Section; or

(b). the owner or operator is released from the requirements of this Section in accordance with Subsection A or B of this Section.

v. A local government must satisfy the requirements of the financial test at the close of each fiscal year. If the local government owner or operator no longer meets the requirements of the local government financial test, it must, within 210 days following the close of the owner or operator's fiscal year, obtain alternative financial assurance that meets the requirements of this Section, place the required submissions for that assurance in the operating record, and notify the Office of Environmental Services that the owner or operator no longer meets the criteria of the financial test and that alternate assurance has been obtained.

vi. The administrative authority, based on a reasonable belief that the local government owner or operator may no longer meet the requirements of the local government financial test, may require additional reports of financial condition from the local government at any time. If the administrative authority finds, on the basis of such reports or other information, that the owner or operator no longer meets the local government financial test, the local government must provide alternate financial assurance in accordance with this Section.

d. Calculation of Costs to be Assured. The portion of the closure, post-closure, and corrective action costs for which an owner or operator can assure under Paragraph B.9 of this Section is determined as follows:

i. if the local government owner or operator does not assure other environmental obligations through a financial test, it may assure closure, post-closure, and corrective action costs that equal up to 43 percent of the local government's total annual revenue; or

ii. if the local government assures other environmental obligations through a financial test, including those associated with UIC facilities under 40 CFR 144.62, petroleum underground storage tank facilities under 40 CFR Part 280, PCB storage facilities under 40 CFR Part 761, and hazardous waste treatment, storage, and disposal facilities under 40 CFR Parts 264 and 265, or corresponding state programs, it must add those costs to the closure, post-closure, and corrective action costs it seeks to assure under Paragraph B.9 of this Section, and the total that may be assured must not exceed 43 percent of the local government's total annual revenue; and

iii. the owner or operator must obtain an alternate financial assurance instrument for those costs that exceed the limits set in Clauses B.9.d.i-ii of this Section.

10. Local Government Guarantee. An owner or operator may demonstrate financial assurance for closure and post-closure, as required by Subsections A and B of this Section, by obtaining a written guarantee provided by a local government. The guarantor must meet the requirements of the local government financial test in Paragraph B.9 of this Section, and must comply with the terms of a written guarantee.

a. Terms of the Written Guarantee. The guarantee must be effective before the initial receipt of sewage sludge, other material, feedstock, or supplements or before the effective date of this Section, whichever is later, in the case of closure and post-closure care. The guarantee must provide that:

i. if the owner or operator fails to perform closure and post-closure care, of a facility covered by the guarantee, the guarantor will:

(a). perform, or pay a third party to perform, closure and post-closure care as required; or

(b). establish a fully funded trust fund as specified in Paragraph B.3 of this Section in the name of the owner or operator;

ii. the guarantee will remain in force unless the guarantor sends notice of cancellation by certified mail to the owner or operator and to the Office of Environmental Services. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of cancellation by both the owner or operator and the administrative authority, as evidenced by the return receipts; and

iii. if a guarantee is canceled, the owner or operator must, within 90 days following receipt of the cancellation notice by the owner or operator and the administrative authority, obtain alternate financial assurance, place evidence of that alternate financial assurance in the facility operating record, and notify the Office of Environmental Services. If the owner or operator fails to provide alternate financial assurance within the 90-day period, then the guarantor must provide that alternate assurance within 120 days following the guarantor's notice of cancellation, place evidence of the alternate assurance in the facility operating record, and notify the Office of Environmental Services.

b. Recordkeeping and Reporting

i. The owner or operator must place a certified copy of the guarantee, along with the items required under Subparagraph B.9.c of this Section, into the facility's operating record before the initial receipt of sewage sludge, other material, feedstock, or supplements or before the effective date of this Section, whichever is later, in the case of closure or post-closure care.

ii. The owner or operator is no longer required to maintain the items specified in Clause B.10.b.i of this Section when:

(a). the owner or operator substitutes alternate financial assurance as specified in this Section; or

(b). the owner or operator is released from the requirements of this Section in accordance with Subsections A and B of this Section.

iii. If a local government guarantor no longer meets the requirements of Paragraph B.9 of this Section, the owner or operator must, within 90 days, obtain alternate assurance, place evidence of the alternate assurance in the facility operating record, and notify the Office of Environmental Services. If the owner or operator fails to obtain alternate financial assurance within that 90-day period, the guarantor must provide that alternate assurance within the next 30 days.

11. Use of Multiple Mechanisms. An owner or operator may demonstrate financial assurance for closure, post-closure, and corrective action, as required by Subsections A and B of this Section, by establishing more than one financial mechanism per facility, except that mechanisms guaranteeing performance, rather than payment, may not be combined with other instruments. The mechanisms must be as specified in Paragraphs B.3-8 of this Section, except that financial assurance for an amount at least equal to the current cost estimate for closure, post-closure care, and/or corrective action may be provided by a combination of mechanisms, rather than a single mechanism.

12. Discounting. The administrative authority may allow discounting of closure and post-closure cost estimates in this Subsection up to the rate of return for essentially risk-free investments, net of inflation, under the following conditions:

a. the administrative authority determines that cost estimates are complete and accurate and the owner or operator has submitted a statement from a registered professional engineer to the Office of Environmental Services so stating;

b. the state finds the facility in compliance with applicable and appropriate permit conditions;

c. the administrative authority determines that the closure date is certain and the owner or operator certifies that there are no foreseeable factors that will change the estimate of site life; and

d. discounted cost estimates must be adjusted annually to reflect inflation and years of remaining life.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:796 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2516 (October 2005), LR 33:2386 (November 2007).

§7309. Pathogens and Vector Attraction Reduction [Formerly §6909]

A. Scope. This Section contains the following:

1. the requirements for a sewage sludge to be classified either as Exceptional Quality or Class B biosolids with respect to pathogens;

2. the site restrictions for land on which Class B biosolids are applied; and

3. the alternative vector attraction reduction requirements for biosolids that are applied to the land.

B. Special Definitions. In addition to the terms referenced and defined at LAC 33:IX.7301.B, the following definitions apply to this Section.

Aerobic Digestion—the biochemical decomposition of organic matter in sewage sludge into carbon dioxide and water by microorganisms in the presence of air.

Anaerobic Digestion—the biochemical decomposition of organic matter in sewage sludge into methane gas and carbon dioxide by microorganisms in the absence of air.

Density of Microorganisms—the number of microorganisms per unit mass of total solids (dry weight) in the sewage sludge.

Land with a High Potential for Public Exposure—land that the public uses frequently. This includes, but is not limited to, a public contact site and a reclamation site located in a populated area (e.g., a construction site located in a city).

Land with a Low Potential for Public Exposure—land that the public uses infrequently. This includes, but is not limited to, agricultural land, forest, and a reclamation site located in an unpopulated area (e.g., a strip mine located in a rural area).

Pathogenic Organisms—disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova.

pH—the logarithm of the reciprocal of the hydrogen ion concentration measured at 25°C or measured at another temperature and then converted to an equivalent value at 25°C.

Specific Oxygen Uptake Rate (SOUR)—the mass of oxygen consumed per unit time per unit mass of total solids (dry weight basis) in the sewage sludge.

Total Solids—the materials in sewage sludge that remain as residue when the sewage sludge is dried to a constant weight at 103° to 105°C.

Unstabilized Solids—organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Vector Attraction—the characteristic of sewage sludge that attracts rodents, flies, mosquitoes, or other organisms capable of transporting infectious agents.

Volatile Solids—the amount of the total solids in sewage sludge lost when the sewage sludge is combusted at 550°C in the presence of excess air.

C. Pathogens

1. Exceptional Quality Biosolids

a. The requirement in Subparagraph C.1.b of this Section, and the requirements in Subparagraph C.1.c, d, e, f, g, or h of this Section, must be met for biosolids classified as Exceptional Quality biosolids with respect to pathogens.

b. The Exceptional Quality biosolids pathogen requirements in Subparagraphs C.1.c-h of this Section must be met either prior to meeting or at the same time that the vector attraction reduction requirements in Subsection D of this Section, except the vector attraction reduction requirements in Subparagraphs D.2.d-e.ii of this Section, are met.

c. Exceptional Quality Biosolids—Alternative 1

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. The temperature of the sewage sludge that is used or disposed shall be maintained at a specific value for a period of time, as follows.

(a). When the percent solids of the sewage sludge is 7 percent or higher, the temperature of the sewage sludge shall be 50°C or higher, the time period shall be 20 minutes or longer, and the temperature and time period shall be determined using Equation (2), except when small particles of sewage sludge are heated by either warmed gases or an immiscible liquid.

$$D = \frac{131{,}700{,}000}{10^{0.1400t}} \qquad \text{Equation (2)}$$

where:

D = time in days
t = temperature in degrees Celsius

(b). When the percent solids of the sewage sludge is 7 percent or higher and small particles of sewage sludge are heated by either warmed gases or an immiscible liquid, the temperature of the sewage sludge shall be 50°C or higher, the time period shall be 15 seconds or longer, and the temperature and time period shall be determined using Equation (2).

(c). When the percent solids of the sewage sludge is less than 7 percent and the time period is at least 15 seconds, but less than 30 minutes, the temperature and time period shall be determined using Equation (2).

(d). When the percent solids of the sewage sludge is less than 7 percent, the temperature of the sewage sludge is 50˚C or higher, and the time period is 30 minutes or longer, the temperature and time period shall be determined using Equation (3).

$$D = \frac{50{,}070{,}000}{10^{0.1400t}} \qquad \text{Equation (3)}$$

where:

D = time in days
t = temperature in degrees Celsius

d. Exceptional Quality Biosolids—Alternative 2

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. pH and Temperature Standards

(a). The pH of the sewage sludge that is used or disposed shall be raised to above 12 and shall remain above 12 for 72 hours.

(b). The temperature of the sewage sludge shall be above 52˚C for 12 hours or longer during the period that the pH of the sewage sludge is above 12.

(c). At the end of the 72-hour period during which the pH of the sewage sludge is above 12, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50 percent.

e. Exceptional Quality Biosolids—Alternative 3

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. The sewage sludge shall be analyzed prior to pathogen treatment to determine whether the sewage sludge contains enteric viruses.

(a). When the density of enteric viruses in the sewage sludge prior to pathogen treatment is less than 1 Plaque-forming Unit per 4 grams of total solids (dry weight basis), the sewage sludge is Exceptional Quality biosolids with respect to enteric viruses until the next monitoring episode for the sewage sludge.

(b). When the density of enteric viruses in the sewage sludge prior to pathogen treatment is equal to or greater than 1 Plaque-forming Unit per 4 grams of total solids (dry weight basis), the sewage sludge is Exceptional Quality biosolids with respect to enteric viruses when the density of enteric viruses in the sewage sludge after pathogen treatment is less than 1 Plaque-forming Unit per 4 grams of total solids (dry weight basis) and when the values or ranges of values for the operating parameters for the pathogen treatment process that produces the sewage sludge that meets the enteric virus density requirement are documented.

(c). After the enteric virus reduction in Subclause C.1.e.ii.(b) of this Section is demonstrated for the pathogen treatment process, the sewage sludge continues to be Exceptional Quality biosolids with respect to enteric viruses when the values for the pathogen treatment process operating parameters are consistent with the values or ranges of values documented in Subclause C.1.e.ii.(b) of this Section.

iii. The sewage sludge shall be analyzed prior to pathogen treatment to determine whether the sewage sludge contains viable helminth ova.

(a). When the density of viable helminth ova in the sewage sludge prior to pathogen treatment is less than 1 per 4 grams of total solids (dry weight basis), the sewage sludge is Exceptional Quality biosolids with respect to viable helminth ova until the next monitoring episode for the sewage sludge.

(b). When the density of viable helminth ova in the sewage sludge prior to pathogen treatment is equal to or greater than 1 per 4 grams of total solids (dry weight basis), the sewage sludge is Exceptional Quality biosolids with respect to viable helminth ova when the density of viable helminth ova in the sewage sludge after pathogen treatment is less than 1 per 4 grams of total solids (dry weight basis) and when the values or ranges of values for the operating parameters for the pathogen treatment process that produces the sewage sludge that meets the viable helminth ova density requirement are documented.

(c). After the viable helminth ova reduction in Subclause C.1.e.iii.(b) of this Section is demonstrated for the pathogen treatment process, the sewage sludge continues to be Exceptional Quality biosolids with respect to viable helminth ova when the values for the pathogen treatment process operating parameters are consistent with the values or ranges of values documented in Subclause C.1.e.iii.(b) of this Section.

f. Exceptional Quality Biosolids—Alternative 4

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. The density of enteric viruses in the biosolids shall be less than 1 Plaque-forming Unit per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements in LAC 33:IX.7303.A.2.a and 3.a, unless otherwise specified by the permitting authority.

iii. The density of viable helminth ova in the biosolids shall be less than 1 per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

g. Exceptional Quality Biosolids—Alternative 5

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. Sewage sludge that is used or disposed shall be treated in one of the Processes to Further Reduce Pathogens described in LAC 33:IX.7399.Appendix B.

h. Exceptional Quality Biosolids—Alternative 6

i. Either the density of fecal coliform in the biosolids shall be less than 1000 Most Probable Number per gram of total solids (dry weight basis), or the density of *Salmonella sp*. bacteria in the biosolids shall be less than 3 Most Probable Number per 4 grams of total solids (dry weight basis) at the time the biosolids are used or disposed, at the time the biosolids are prepared for sale or to be given away in a bag or other container for application to the land, or at the time the sewage sludge or material derived from sewage sludge is prepared to meet the requirements of *Exceptional Quality biosolids*, as defined in LAC 33:IX.7301.B.

ii. Sewage sludge that is used or disposed shall be treated in a process that is equivalent to a Process to Further Reduce Pathogens that has been approved by the Environmental Protection Agency's (EPA's) Pathogen Equivalency Committee.

iii. Requests for approval of alternative innovative processes, as a process that is equivalent to a Process to Further Reduce Pathogens, that have not yet been approved by the EPA's Pathogen Equivalency Committee shall initially be submitted to the administrative authority. The administrative authority shall then work with the EPA's Pathogen Equivalency Committee on the proper procedures for EPA's review of the request.

2. Class B Biosolids

a. The requirements in Subparagraph C.2.b, c, or d of this Section must be met for biosolids classified as Class B biosolids with respect to pathogens. The site restrictions in Subparagraph C.2.e of this Section must be met when biosolids that meet the Class B biosolids pathogen requirements in Subparagraph C.2.b, c, or d of this Section are applied to the land.

b. Class B Biosolids—Alternative 1

i. Seven representative samples of the biosolids that are used or disposed shall be collected.

ii. The geometric mean of the density of fecal coliform in the samples required by Clause C.2.b.i of this Section shall be less than either 2,000,000 Most Probable Number per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

c. Class B Biosolids—Alternative 2. Biosolids that are used or disposed shall be treated in one of the Processes to Significantly Reduce Pathogens described in LAC 33:IX.7399.Appendix L.

d. Class B Biosolids—Alternative 3. Biosolids that are used or disposed shall be treated in a process that is equivalent to a Process to Significantly Reduce Pathogens that has been approved by the EPA's Pathogen Equivalency Committee. Requests for approval of alternative innovative processes, as a process that is equivalent to a Process to Further Reduce Pathogens, that have not yet been approved by the EPA's Pathogen Equivalency Committee shall initially be submitted to the administrative authority. The administrative authority shall then work with the EPA's Pathogen Equivalency Committee on the proper procedures for EPA's review of the request.

e. Site Restrictions

i. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.

ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain on the land surface for four months or longer prior to incorporation into the soil.

iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than four months prior to incorporation into the soil.

iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.

v. Animals shall not be grazed on the land for 30 days after application of biosolids.

vi. Turf grown on land where biosolids are applied shall not be harvested for one year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the permitting authority.

vii. Public access to land with a high potential for public exposure shall be restricted for one year after application of biosolids, by means approved by the administrative authority.

viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of biosolids, by means approved by the administrative authority.

D. Vector Attraction Reduction

1. Land Application Requirements

a. One of the vector attraction reduction requirements in Subparagraphs D.2.a-j of this Section shall be met when bulk biosolids are applied to agricultural land, forest, a public contact site, or a reclamation site.

b. One of the vector attraction reduction requirements in Subparagraphs D.2.a-h of this Section shall be met when bulk biosolids are applied to a lawn or a home garden.

c. One of the vector attraction reduction requirements in Subparagraphs D.2.a-h of this Section shall be met when biosolids are sold or given away in a bag or other container for application to the land.

2. Procedures to Attain Vector Attraction Reduction for Land Application

a. Volatile Solids Reduction

i. The mass of volatile solids in the biosolids shall be reduced by a minimum of 38 percent (see calculation procedures in *Environmental Regulations and Technology—Control of Pathogens and Vector Attraction in Sewage Sludge*, EPA-625/R-92/013, 1992, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268).

ii. When the 38 percent volatile solids reduction requirement in Clause D.2.a.i of this Section cannot be met for an anaerobically digested sewage sludge, vector attraction reduction can be demonstrated by digesting a portion of the previously digested sewage sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30˚ and 37˚C. When, at the end of the 40 days, the volatile solids in the sewage sludge at the beginning of that period is reduced by less than 17 percent, vector attraction reduction is achieved.

iii. When the 38 percent volatile solids reduction requirement in Clause D.2.a.i of this Section cannot be met for an aerobically digested sewage sludge, vector attraction reduction can be demonstrated by digesting a portion of the previously digested sewage sludge that has a percent solids of 2 percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20˚C. When at the end of the 30 days, the volatile solids in the sewage sludge at the beginning of that period is reduced by less than 15 percent, vector attraction reduction is achieved.

b. Specific Oxygen Uptake Rate (SOUR). The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20˚C.

c. Aerobic Treatment. Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40˚C and the average temperature of the sewage sludge shall be higher than 45˚C.

d. Alkaline Treatment. The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali, shall remain at 12 or higher for two hours and then at 11.5 or higher for an additional 22 hours.

e. Percent Solids. In order to attain vector attraction reduction through percent solids, either of the following must be met:

i. the percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75 percent based on the moisture content and total solids prior to mixing with other materials; or

ii. the percent solids of sewage sludge that does contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90 percent based on the moisture content and total solids prior to mixing with other materials.

f. Injection of Biosolids

i. Biosolids shall be injected below the surface of the land.

ii. No significant amount of biosolids shall be present on the land surface within one hour after the biosolids are injected.

iii. When the biosolids that are injected below the surface of the land are Exceptional Quality biosolids with respect to pathogens, the biosolids shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

g. Incorporation of Biosolids

i. Biosolids applied to the land surface shall be incorporated into the soil within six hours after application to the land, unless otherwise specified by the permitting authority.

ii. When biosolids that are incorporated into the soil are Exceptional Quality biosolids with respect to pathogens, the biosolids shall be applied to the land within eight hours after being discharged from the pathogen treatment process.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:806 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2395 (November 2007).

§7311. Incineration [Formerly §6911]

A. Applicability

1. This Section applies to a person who fires only sewage sludge or sewage sludge and *auxiliary fuel*, as defined in Subsection B of this Section, in a sewage sludge incinerator; to a *sewage sludge incinerator*, as defined in Subsection B of this Section; and to sewage sludge or

sewage sludge and auxiliary fuel fired in a sewage sludge incinerator.

2. This Section applies to the exit gas from a sewage sludge incinerator stack.

B. Special Definitions. All terms not defined below shall have the meaning given them in LAC 33:IX.7301.B and in LAC 33:III.111.

Air Pollution Control Device—one or more processes used to treat the exit gas from a sewage sludge incinerator stack.

Auxiliary Fuel—fuel used to augment the fuel value of sewage sludge. This includes, but is not limited to, natural gas, fuel oil, coal, gas generated during anaerobic digestion of sewage sludge, and municipal solid waste (not to exceed 30 percent of the dry weight of sewage sludge and auxiliary fuel together). Hazardous wastes are not auxiliary fuel.

Average Daily Concentration—the arithmetic mean of the concentration of a pollutant in milligrams per kilogram of sewage sludge (dry weight basis) in the samples collected and analyzed in a month.

Control Efficiency—the mass of a pollutant in the sewage sludge fed to an incinerator minus the mass of that pollutant in the exit gas from the incinerator stack divided by the mass of the pollutant in the sewage sludge fed to the incinerator.

Dispersion Factor—the ratio of the increase in the ground level ambient air concentration for a pollutant at or beyond the property line of the site where the sewage sludge incinerator is located to the mass emission rate for the pollutant from the incinerator stack.

Fluidized Bed Incinerator—an enclosed device in which organic matter and inorganic matter in sewage sludge are combusted in a bed of particles suspended in the combustion chamber gas.

Hourly Average—the arithmetic mean of all measurements, taken during an hour. At least two measurements must be taken during the hour.

Incineration—the combustion of organic matter and inorganic matter in sewage sludge by high temperatures in an enclosed device.

Incinerator Operating Combustion Temperature—the arithmetic mean of the temperature readings in the hottest zone of the furnace recorded in a day (24 hours) when the temperature is averaged and recorded at least hourly during the hours the incinerator operates in a day.

Monthly Average—the arithmetic mean of the hourly averages for the hours a sewage sludge incinerator operates during the month.

Performance Test Combustion Temperature—the arithmetic mean of the average combustion temperature in the hottest zone of the furnace for each of the runs in a performance test.

Risk Specific Concentration—the allowable increase in the average daily ground level ambient air concentration for a pollutant from the incineration of sewage sludge at or beyond the property line of the site where the sewage sludge incinerator is located.

Sewage Sludge Feed Rate—either the average daily amount of sewage sludge fired in all sewage sludge incinerators within the property line of the site where the sewage sludge incinerators are located for the number of days in a 365-day period that each sewage sludge incinerator operates, or the average daily design capacity for all sewage sludge incinerators within the property line of the site where the sewage sludge incinerators are located.

Sewage Sludge Incinerator—an enclosed device in which only sewage sludge or sewage sludge and auxiliary fuel are fired.

Stack Height—the difference between the elevation of the top of a sewage sludge incinerator stack and the elevation of the ground at the base of the stack when the difference is equal to or less than 214 feet (65 meters). When the difference is greater than 214 feet (65 meters), stack height is the creditable stack height determined in accordance with LAC 33:III.921.

Standard—a standard of performance proposed or promulgated under this Chapter.

Stationary Source—any building, structure, facility, or installation that emits or may emit any air pollutant.

Total Hydrocarbons—the organic compounds in the exit gas from a sewage sludge incinerator stack measured using a flame ionization detection instrument referenced to propane.

Wet Electrostatic Precipitator—an air pollution control device that uses both electrical forces and water to remove pollutants in the exit gas from a sewage sludge incinerator stack.

Wet Scrubber—an air pollution control device that uses water to remove pollutants in the exit gas from a sewage sludge incinerator stack.

C. General Requirements

1. No person shall fire sewage sludge or sewage sludge and auxiliary fuel in a sewage sludge incinerator except in compliance with the requirements in this Section.

2. Performance Tests for New Stationary Sources

a. Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up of such facility and at such other times as may be required by the administrative authority, the owner or operator of such facility shall conduct performance test(s) and furnish the administrative authority a written report of the results of such performance test(s).

b. Performance tests shall be conducted and data reduced in accordance with the test methods and procedures

contained for each applicable requirement in Subsections D, E, and F of this Section, unless the administrative authority:

i. specifies or approves, in specific cases, the use of a reference method with minor changes in methodology;

ii. approves the use of an equivalent method;

iii. approves the use of an alternative method the results of which have been determined by the administrative authority to be adequate for indicating whether a specific source is in compliance;

iv. waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means, to the administrative authority's satisfaction, that the affected facility is in compliance with the standard; or

v. approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors. Nothing in this Subparagraph shall be construed to abrogate the administrative authority's right to require additional testing if deemed necessary for proper determination of the standard of performance of the new stationary source.

c. Performance tests shall be conducted under such conditions as the administrative authority shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the administrative authority such records as may be necessary to determine the conditions of the performance tests. Operations during periods of start-up, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of start-up, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

d. The owner or operator of an affected facility shall provide the administrative authority at least 30 days prior notice of any performance test, except as otherwise specified in this Subsection, to afford the administrative authority the opportunity to have an observer present. If after 30 days notice for an initially scheduled performance test, there is a delay (due to operational problems, etc.) in conducting the scheduled performance test, the owner or operator of an affected facility shall notify the administrative authority as soon as possible of any delay in the original test date either by providing at least seven days prior notice of the rescheduled date of the performance test or by arranging a rescheduled date with the administrative authority by mutual agreement.

e. The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:

i. sampling ports adequate for test methods applicable to such facility, including:

(a). constructing the air pollution control system such that volumetric flow rates and pollutant emission rates can be accurately determined by applicable test methods and procedures; and

(b). providing a stack or duct free of cyclonic flow during performance tests, as demonstrated by applicable test methods and procedures;

ii. safe sampling platform(s);

iii. safe access to sampling platform(s); and

iv. utilities for sampling and testing equipment.

f. Unless otherwise specified in the applicable parts of this Paragraph, each performance test shall consist of three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard, the arithmetic means of results of the three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the three runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances beyond the owner's or operator's control, compliance may, upon the administrative authority's approval, be determined using the arithmetic mean of the results of the two other runs.

3. In conducting the performance tests required in Paragraph C.2 of this Section, the owner or operator shall use as reference methods and procedures the test methods referenced in LAC 33:IX.7301.I or other methods and procedures as specified in this Section, except as provided for in Subparagraph C.2.b of this Section.

4. The owner or operator of any sewage sludge incinerator subject to the provisions of this Chapter shall conduct a performance test during which the monitoring and recording devices required under Paragraphs F.2, 4, and 6, Subparagraph F.8.a, and Paragraph F.9 of this Section are installed and operating and for which the sampling and analysis procedures required under Subparagraph G.1.d of this Section are performed as follows.

a. For incinerators that commenced construction or modification:

i. on or before April 18, 1986, the performance test shall be conducted within 360 days of the effective date of these regulations, unless the monitoring and recording devices required under Paragraphs F.2, 4, and 6, Subparagraph F.8.a, and Paragraph F.9 of this Section were installed and operating and the sampling and analysis procedures required under Subparagraph G.1.d of this Section were performed during the most recent performance test and a record of the measurements taken during the performance test is available for review by the administrative authority; and

ii. on or after the effective date of these regulations, the date of the performance test shall be determined by the requirements in Paragraph C.2 of this Section.

b. The owner or operator shall provide the administrative authority at least 30 days prior notice of the performance test to afford the administrative authority the opportunity to have an observer present.

5. The owner or operator of any sewage sludge incinerator, other than a multiple hearth, fluidized bed, or electric incinerator or any sewage sludge incinerator equipped with a control device other than a wet scrubber, shall submit a plan to the administrative authority for approval for monitoring and recording incinerator and control device operation parameters. The plan shall be submitted to the administrative authority as follows:

a. no later than 90 days after October 6, 1988, for sources that have provided notification of commencement of construction prior to October 6, 1988;

b. no later than 90 days after the notification of commencement of construction, for sources that provide notification of commencement of construction on or after October 6, 1988; and

c. at least 90 days prior to the date on which the new control device becomes operative for sources switching to a control device other than a wet scrubber.

D. Pollutant Limits

1. Firing of sewage sludge in a sewage sludge incinerator shall not violate the requirements in the national emission standard for beryllium in Subpart C of 40 CFR Part 61 (as incorporated by reference at LAC 33:III.5116).

2. Firing of sewage sludge in a sewage sludge incinerator shall not violate the requirements in the national emission standard for mercury in Subpart E of 40 CFR Part 61 (as incorporated by reference at LAC 33:III.5116).

3. Pollutant Limit—Lead

a. The average daily concentration for lead in sewage sludge fed to a sewage sludge incinerator shall not exceed the concentration calculated using Equation (4).

$$C = \frac{0.1 \times NAAQS \times 86{,}400}{DF \times (1 - CE) \times SF} \qquad \text{Equation (4)}$$

where:

C = average daily concentration of lead in sewage sludge
NAAQS = National Ambient Air Quality Standard for lead in micrograms per cubic meter
DF = dispersion factor in micrograms per cubic meter per gram per second
CE = sewage sludge incinerator control efficiency for lead in hundredths
SF = sewage sludge feed rate in metric tons per day (dry weight basis)

b. The dispersion factor (DF) in Equation (4) shall be determined from an air dispersion model in accordance with Paragraph D.5 of this Section.

i. When the sewage sludge stack height is 214 feet (65 meters) or less, the actual sewage sludge incinerator stack height shall be used in the air dispersion model to determine the dispersion factor (DF) for Equation (4).

ii. When the sewage sludge incinerator stack height exceeds 214 feet (65 meters), the creditable stack height shall be determined in accordance with LAC 33:III.921, and the creditable stack height shall be used in the air dispersion model to determine the dispersion factor (DF) for Equation (4).

c. The control efficiency (CE) for Equation (4) shall be determined from a performance test of the sewage sludge incinerator in accordance with Paragraph D.5 of this Section.

4. Pollutant Limit—Arsenic, Cadmium, Chromium, and Nickel

a. The average daily concentration for arsenic, cadmium, chromium, and nickel in sewage sludge fed to a sewage sludge incinerator each shall not exceed the concentration calculated using Equation (5).

$$C = \frac{RSC \times 86{,}400}{DF \times (1 - CE) \times SF} \qquad \text{Equation (5)}$$

where:

C = average daily concentration of arsenic, cadmium, chromium, or nickel in sewage sludge
CE = sewage sludge incinerator control efficiency for arsenic, cadmium, chromium, or nickel in hundredths
DF = dispersion factor in micrograms per cubic meter per gram per second
RSC = risk-specific concentration for arsenic, cadmium, chromium, or nickel in micrograms per cubic meter
SF = sewage sludge feed rate in metric tons per day (dry weight basis)

b. The risk-specific concentrations for arsenic, cadmium, and nickel used in Equation (5) shall be obtained from Table 1 of LAC 33:IX.7311.D.

Table 1 of LAC 33:IX.7311.D	
Risk-Specific Concentration for Arsenic, Cadmium, and Nickel	
Pollutant	**Risk-Specific Concentration (micrograms per cubic meter)**
Arsenic	0.023
Cadmium	0.057
Nickel	2.0

c. The risk-specific concentration for chromium used in Equation (5) shall be obtained from Table 2 of LAC 33:IX.7311.D or shall be calculated using Equation (6).

Table 2 of LAC 33:IX.7311.D	
Risk-Specific Concentration For Chromium	
Type of Incinerator	**Risk-Specific Concentration (micrograms per cubic meter)**
Fluidized bed with wet scrubber	0.65
Fluidized bed with wet scrubber and wet electrostatic precipitator	0.23
Other types with wet scrubber	0.064
Other types with wet scrubber and wet electrostatic precipitator	0.016

$$RSC = \frac{0.0085}{r} \qquad \text{Equation (6)}$$

where:

RSC = risk-specific concentration for chromium in micrograms per cubic meter used in Equation (5)

r = decimal fraction of the hexavalent chromium concentration in the total chromium concentration measured in the exit gas from the sewage sludge incinerator stack in hundredths

d. The dispersion factor (DF) in Equation (5) shall be determined from an air dispersion model in accordance with Paragraph D.5 of this Section.

i. When the sewage sludge incinerator stack height is equal to or less than 214 feet (65 meters), the actual sewage sludge incinerator stack height shall be used in the air dispersion model to determine the dispersion factor (DF) for Equation (5).

ii. When the sewage sludge incinerator stack height is greater than 214 feet (65 meters), the creditable stack height shall be determined in accordance with LAC 33:III.921 and the creditable stack height shall be used in the air dispersion model to determine the dispersion factor (DF) for Equation (5).

e. The control efficiency (CE) for Equation (5) shall be determined from a performance test of the sewage sludge incinerator in accordance with Paragraph D.5 of this Section.

5. Air Dispersion Modeling and Performance Testing

a. The air dispersion model used to determine the dispersion factor in Subparagraphs D.3.b and 4.d of this Section shall be appropriate for the geographical, physical, and population characteristics at the sewage sludge incinerator site. The performance test used to determine the control efficiencies in Subparagraphs D.3.c and 4.e of this Section shall be appropriate for the type of sewage sludge incinerator.

b. For air dispersion modeling initiated after September 3, 1999, the modeling results shall be submitted to the administrative authority 30 days after completion of the modeling. In addition to the modeling results, the submission shall include a description of the air dispersion model and the values used for the model parameters.

c. The following procedures, at a minimum, shall apply in conducting performance tests to determine the control efficiencies in Subparagraphs D.3.c and 4.e of this Section after September 3, 1999:

i. the performance test shall be conducted under representative sewage sludge incinerator conditions at the highest expected sewage sludge feed rate within the design capacity of the sewage sludge incinerator;

ii. the administrative authority shall be notified at least 30 days prior to any performance test so the administrative authority may have the opportunity to observe the test. The notice shall include a test protocol with incinerator operating conditions and a list of test methods to be used; and

iii. each performance test shall consist of three separate runs using the applicable test method. The control efficiency for a pollutant shall be the arithmetic mean of the control efficiencies for the pollutant from the three runs.

d. The pollutant limits in Paragraphs D.3 and 4 of this Section shall be submitted to the administrative authority no later than 30 days after completion of the air dispersion modeling and performance test.

e. Significant changes in geographic or physical characteristics at the incinerator site or in incinerator operating conditions require new air dispersion modeling or performance testing to determine a new dispersion factor or a new control efficiency that will be used to calculate revised pollutant limits.

6. Standards for Particulate Matter

a. No owner or operator of any sewage sludge incinerator subject to the provisions of this Section shall discharge or cause the discharge into the atmosphere of:

i. particulate matter at a rate in excess of 0.65 g/kg dry sewage sludge input (1.30 lb/ton dry sewage sludge input); and

ii. any gases that exhibit 20 percent opacity or greater.

b. The owner or operator of a sewage sludge incinerator shall determine compliance with the particulate matter emission standards in Subparagraph D.6.a of this Section as follows:

i. the emission rate (E) of particulate matter for each run shall be computed using the following equation:

$$E = (C_s Q_{sd}) / KS$$

where:

E = emission rate of particulate matter, g/kg (lb/ton) of dry sewage sludge input

C_s = concentration of particulate matter, g/dscm (g/dscf)

Q_{sd} = volumetric flow rate of effluent gas, dscm/hr (dscf/hr)

S = charging rate of dry sewage sludge during the run, kg/hr (lb/hr)

K = conversion factor, 1.0 g/g [4.409 lb^2/(g-ton)]

ii. Method 5 (40 CFR Part 60, Appendix A-3, incorporated by reference in LAC 33:III.3003) shall be used to determine the particulate matter concentration (C_s) and the volumetric flow rate (Q_{sd}) of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf);

iii. the dry sewage sludge charging rate (S) for each run shall be computed using either of the following equations:

$$S = K_m S_m R_{dm} / \Theta$$
$$S = K_v S_v R_{dv} / \Theta$$

where:

S = charging rate of dry sewage sludge, kg/hr (lb/hr)

S_m = total mass of sewage sludge charged, kg (lb)

R_{dm} = average mass of dry sewage sludge per unit mass of sludge charged, mg/mg (lb/lb)

Θ = duration of run, in minutes

K_m = conversion factor, 60 min/hr

S_v = total volume of sewage sludge charged, m^3 (gal)

R_{dv} = average mass of dry sewage sludge per unit volume of sewage charged, mg/Liter (lb/ft^3)

K_v = conversion factor, 60 X 10^{-3} (liter-kg-min)/(m^3-mg-hr) [8.021 (ft^3-min)/(gal-hr)]

iv. the flow measuring device of Paragraph F.2 of this Section shall be used to determine the total mass (S_m) or volume (S_v) of sewage sludge charged to the incinerator during each run. If the flow measuring device is on a time rate basis, readings shall be taken and recorded at 5-minute intervals during the run and the total charge of sewage sludge shall be computed using the following equations, as applicable:

$$S_m = \sum_{i=1}^{n} Q_{mi} / \Theta_i$$
$$S_v = \sum_{i=1}^{n} Q_{vi} / \Theta_i$$

where:

Q_{mi} = average mass flow rate calculated by averaging the flow rates at the beginning and end of each interval "i", kg/min (gal/min)

Q_{vi} = average volume flow rate calculated by averaging the flow rates at the beginning and end of each interval "i", m^3/min (gal/min)

θ_i = duration of interval "i", min

v. samples of the sewage sludge charged to the incinerator shall be collected in nonporous jars at the beginning of each run and at approximately 1-hour intervals thereafter until the test ends, and Part 2540, G. Total, Fixed, and Volatile Solids in Solid and Semisolid Samples (the test method indicated in LAC 33:IX.7301.I.2.g) shall be used to determine dry sewage sludge content of each sample (total solids residue), except that:

(a). evaporating dishes shall be ignited to at least 103˚C rather than the 550˚C specified in Step 3(a)(1);

(b). determination of volatile residue, Step 3(b) may be deleted;

(c). the quantity of dry sewage sludge per unit sewage sludge charged shall be determined in terms of mg/Liter (lb/ft^3) or mg/mg (lb/lb); and

(d). the average dry sewage sludge content shall be the arithmetic average of all the samples taken during the run; and

vi. Method 9 (40 CFR 60, Appendix A-4, incorporated by reference in LAC 33:III.3003) shall be used to determine opacity.

E. Operational Standard—Total Hydrocarbons

1. The total hydrocarbons concentration in the exit gas from a sewage sludge incinerator shall be corrected for 0 percent moisture by multiplying the measured total hydrocarbons concentration by the correction factor calculated using Equation (7).

$$Correction\ factor\ (percent\ moisture) = \frac{1}{(1 - X)} \qquad \text{Equation (7)}$$

where:

X = decimal fraction of the percent moisture in the sewage sludge incinerator exit gas in hundredths

2. The total hydrocarbons concentration in the exit gas from a sewage sludge incinerator shall be corrected to 7 percent oxygen by multiplying the measured total hydrocarbons concentration by the correction factor calculated using Equation (8).

$$Correction\ factor\ (oxygen) = \frac{14}{(21 - Y)} \qquad \text{Equation (8)}$$

where:

Y = percent oxygen concentration in the sewage sludge incinerator stack exit gas (dry volume/dry volume)

3. The monthly average concentration for total hydrocarbons in the exit gas from a sewage sludge incinerator stack, corrected for 0 percent moisture using the correction factor from Equation (7) and to 7 percent oxygen using the correction factor from Equation (8), shall not exceed 100 parts per million on a volumetric basis when measured using the instrument required by Paragraph F.5 of this Section.

F. Management Practices

1. The owner or operator of a sewage sludge incinerator shall provide access to the sewage sludge charged so that a well-mixed representative grab sample of the sewage sludge can be obtained.

2. A flow measuring device that can be used to determine either the mass or volume of sewage sludge charged to the incinerator shall be installed, calibrated, maintained, and properly operated.

a. The flow measuring device shall be certified by the manufacturer to have an accuracy of ±5 percent over its operating range.

b. The flow measuring device shall be operated continuously and data recorded during all periods of operation of the incinerator, unless the administrative authority specifies otherwise.

3. A weighing device for determining the mass of any municipal solid waste charged to the incinerator when sewage sludge and municipal solid waste are incinerated together shall be installed, calibrated, maintained, and properly operated. The weighing device shall have an accuracy of ±5 percent over its operating range.

4. For incinerators equipped with a wet scrubbing device, a monitoring device that continuously measures and records the pressure drop of the gas flow through the wet scrubbing device shall be installed, calibrated, maintained, and properly operated.

a. Where a combination of wet scrubbers is used in series, the pressure drop of the gas flow through the combined system shall be continuously monitored.

b. The device used to monitor scrubber pressure drop shall be certified by the manufacturer to be accurate within ±250 pascals (±1 inch water gauge) and shall be calibrated on an annual basis in accordance with the manufacturer's instructions.

5. An instrument that continuously measures and records the total hydrocarbons concentration in the sewage sludge incinerator stack exit gas shall be installed, calibrated, operated, and maintained for a sewage sludge incinerator. The total hydrocarbons instrument shall employ a flame ionization detector, have a heated sampling line maintained at a temperature of 150˚C or higher at all times, and be calibrated at least once every 24-hour operating period using propane.

6. An instrument that continuously measures and records the oxygen concentration in the sewage sludge incinerator stack exit gas shall be installed, calibrated, operated, and maintained for a sewage sludge incinerator.

a. The oxygen monitoring device shall be located upstream of any rabble shaft cooling air inlet into the incinerator exhaust gas stream, fan, ambient air recirculation damper, or any other source of dilution air.

b. The oxygen monitoring device shall be certified by the manufacturer to have a relative accuracy of ±5 percent over its operating range and shall be calibrated according to method(s) prescribed by the manufacturer at least once each 24-hour operating period.

7. An instrument that continuously measures and records information used to determine the moisture content in the sewage sludge incinerator stack exit gas shall be installed, calibrated, operated, and maintained for a sewage sludge incinerator.

8. An instrument that continuously records combustion temperature at every hearth in multiple hearth furnaces, in the bed and outlet of fluidized bed incinerators, and in the drying, combustion, and cooling zones of electric incinerators shall be installed, calibrated, maintained, and properly operated.

a. For multiple hearth furnaces, a minimum of one thermocouple shall be installed in each hearth in the cooling and drying zones, and a minimum of two thermocouples shall be installed in each hearth in the combustion zone.

b. For electric incinerators, a minimum of one thermocouple shall be installed in the drying zone and one in the cooling zone, and a minimum of two thermocouples shall be installed in the combustion zone.

c. Each temperature measuring device shall be certified by the manufacturer to have an accuracy of ±5 percent over its operating range.

d. Operation of a sewage sludge incinerator shall not cause the operating combustion temperature for the sewage sludge incinerator to exceed the performance test combustion temperature by more than 20 percent.

9. A device for measuring the fuel flow to the incinerator shall be installed, calibrated, maintained, and properly operated.

a. The fuel flow measuring device shall be certified by the manufacturer to have an accuracy of ±5 percent over its operating range.

b. The fuel flow measuring device shall be operated continuously and data recorded during all periods of operation of the incinerator, unless the administrative authority specifies otherwise.

10. An air pollution control device shall:

a. be appropriate for the type of sewage sludge incinerator, and the operating parameters for the air pollution

control device shall be adequate to indicate proper performance of the air pollution control device; and

b. be operated so as not to cause a significant exceedance of the average value for the air pollution control device operating parameters from the performance test required by Subparagraphs D.3.c and 4.e of this Section, nor shall the operation of the air pollution control device violate any other requirements of this Section to which the air pollution control device is subjected.

11. The permittee shall collect and analyze sewage sludge fed to a sewage sludge incinerator for dry sludge content and volatile solids content using the method specified at Clause D.6.b.v of this Section, except that the determination of volatile solids, Step (3)(b) of the method, shall not be deleted.

12. Sewage sludge shall not be fired in a sewage sludge incinerator if it is likely to adversely affect a threatened or endangered species listed under Section 4 of the Endangered Species Act, or its designated critical habitat.

13. The instruments required in Paragraphs F.2-9 of this Section shall be appropriate for the type of sewage sludge incinerator.

14. The administrative authority may exempt the owner or operator of any multiple hearth, fluidized bed, or electric sewage sludge incinerator from the daily sampling and analysis of sludge feed requirements in Paragraph F.11 and Subparagraph G.1.d of this Section and from the recordkeeping requirement in Subparagraph H.2.p of this Section for the volatile solids content, only, of the sewage sludge charged to the incinerator during all periods of this incinerator following the performance test if:

a. the particulate matter emission rate measured during the performance test required under Paragraph C.4 of this Section is less than or equal to 0.38 g/kg of dry sewage sludge input (0.75 lb/ton); and

b. the administrative authority determines that the requirements will not be necessary to evaluate the effects upon the environment and human health resulting from the emissions from the sewage sludge incinerator.

G. Frequency of Monitoring. Except as specified otherwise in this Section, the frequency of monitoring shall be as follows.

1. Sewage Sludge

a. The frequency of monitoring for beryllium shall be as required in Subpart C of 40 CFR Part 61 (as incorporated by reference in LAC 33:III.5116), and for mercury as required in Subpart E of 40 CFR Part 61 (as incorporated by reference in LAC 33:III.5116).

b. The frequency of monitoring for arsenic, cadmium, chromium, lead, and nickel in sewage sludge fed to a sewage sludge incinerator shall be the frequency in Table 1 of LAC 33:IX.7311.G.

Table 1 of LAC 33:IX.7311.G Frequency of Monitoring—Incineration	
Amount of Sewage Sludge[1] (metric tons per 365-day period)	**Frequency**
Greater than zero but less than 290	Once per year
Equal to or greater than 290 but less than 1,500	Once per quarter (4 times per year)
Equal to or greater than 1,500 but less than 15,000	Once per 60 days (6 times per year)
Equal to or greater than 15,000	Once per month (12 times per year)
[1]Amount of sewage sludge fired in a sewage sludge incinerator (dry weight basis)	

c. After the sewage sludge has been monitored for two years at the frequency in Table 1 of LAC 33:IX.7311.G, the administrative authority may reduce the frequency of monitoring for arsenic, cadmium, chromium, lead, and nickel.

d. The frequency of monitoring for dry sewage sludge content and volatile solids content of the sewage sludge shall be once per day, as a grab sample of the sewage sludge fed to the incinerator.

2. Total Hydrocarbons, Oxygen Concentration, Moisture Content, and Combustion Temperatures. The total hydrocarbons concentration and oxygen concentration in the exit gas from a sewage sludge incinerator stack, the information used to measure moisture content in the exit gas, and the combustion temperatures for the sewage sludge incinerator shall be monitored continuously.

3. Air Pollution Control Device Operating Parameters. Unless specified otherwise in this Chapter, the frequency of monitoring for the appropriate air pollution control device operating parameters shall be daily.

4. The frequency of monitoring shall be as specified in this Section for any performance testing or other sampling requirements not covered above. If the frequency of monitoring is not specified, then the frequency of monitoring shall be as specified by the administrative authority.

H. Recordkeeping

1. If the owner/operator of a sewage sludge incinerator is the person who prepares sewage sludge, the owner/operator of the sewage sludge incinerator shall keep a record of the annual production of sewage sludge (i.e., dry ton or dry metric tons) and of the sewage sludge management practice used and retain such record for a period of five years.

2. The owner/operator of a sewage sludge incinerator shall develop the following information and shall retain this information for five years:

a. the concentration of lead, arsenic, cadmium, chromium, and nickel in the sewage sludge fed to the sewage sludge incinerator;

b. the total hydrocarbons concentrations in the exit gas from the sewage sludge incinerator stack;

c. information that indicates the requirements in the national emission standard for beryllium in Subpart C of 40 CFR Part 61 (as incorporated by reference at LAC 33:III.5116) are met;

d. information that indicates the requirements in the national emission standard for mercury in Subpart E of 40 CFR Part 61 (as incorporated by reference at LAC 33:III.5116) are met;

e. the operating combustion temperatures for the sewage sludge incinerator;

f. values for the air pollution control device operating parameters;

g. the oxygen concentration and information used to measure moisture content in the exit gas from the sewage sludge incinerator stack;

h. the sewage sludge feed rate;

i. the stack height for the sewage sludge incinerator;

j. the dispersion factor for the site where the sewage sludge incinerator is located;

k. the control efficiency for lead, arsenic, cadmium, chromium, and nickel for each sewage sludge incinerator;

l. the risk-specific concentration for chromium calculated using Equation (6), if applicable;

m. a calibration and maintenance log for the instruments used to measure the total hydrocarbons concentration and oxygen concentration in the exit gas from the sewage sludge incinerator stack, the information needed to determine moisture content in the exit gas, and the combustion temperatures;

n. results of the particulate matter testing required in Subparagraph D.6.b of this Section;

o. for incinerators equipped with a wet scrubbing device, a record of the measured pressure drop of the gas flow through the wet scrubbing device, as required by Paragraph F.4 of this Section;

p. a record of the rate of sewage sludge fed to the incinerator, the fuel flow to the incinerator, and the total solids and volatile solids content of the sewage sludge charged to the incinerator; and

q. results of all applicable performance tests required in this Section.

I. Reporting

1. If the owner/operator of a sewage sludge incinerator is the person who prepares the sewage sludge, the owner/operator shall submit the information in Paragraph H.1 of this Section to the administrative authority on February 19 of each year.

2. The owner/operator of a sewage sludge incinerator shall submit the information in Subparagraphs H.2.a-q of this Section to the administrative authority on February 19 of each year.

3. In addition to the reporting requirements in Paragraphs I.1 and 2 of this Section, the owner/operator of any multiple hearth, fluidized bed, or electric sewage sludge incinerator subject to the provisions of this Chapter shall submit to the administrative authority on February 19 and August 19 of each year (semiannually) a report in writing that contains the following:

a. a record of average scrubber pressure drop measurements for each period of 15 minutes duration or more during which the pressure drop of the scrubber was less than, by a percentage specified below, the average scrubber pressure drop measured during the most recent performance test. The percent reduction in scrubber pressure drop for which a report is required shall be determined as follows:

i. for incinerators that achieved an average particulate matter emission rate of 0.38 kg/mg (0.75 lb/ton) dry sewage sludge input or less during the most recent performance test, a scrubber pressure drop reduction of more than 30 percent from the average scrubber pressure drop recorded during the most recent performance test shall be reported; and

ii. for incinerators that achieved an average particulate matter emission rate of greater than 0.38 kg/mg (0.75 lb/ton) dry sewage sludge input during the most recent performance test, a percent reduction in pressure drop greater than that calculated according to the following equation shall be reported:

$$P = -111E + 72.15$$

where:

P = percent reduction in pressure drop
E = average particulate matter emissions (kg/megagram)

b. a record of average oxygen content in the incinerator exhaust gas for each period of 1-hour duration or more that the oxygen content of the incinerator exhaust gas exceeds the average oxygen content measured during the most recent performance test by more than 3 percent.

4. The owner or operator of any multiple hearth, fluidized bed, or electric sewage sludge incinerator from which the average particulate matter emission rate measured during the performance test required at Paragraph C.4 of this Section exceeds 0.38 g/kg of dry sewage sludge input (0.75 lb/ton of dry sewage sludge input) shall include in the report for each calendar day that a decrease in scrubber pressure drop or increase in oxygen content of exhaust gas is reported, a record of the following:

a. scrubber pressure drop averaged over each 1-hour incinerator operating period;

b. oxygen content in the incinerator exhaust averaged over each 1-hour incinerator operating period;

c. temperatures of every hearth in multiple hearth incinerators, the bed and outlet of fluidized bed incinerators, and the drying, combustion, and cooling zones of electric incinerators averaged over each 1-hour incinerator operating period;

d. rate of sewage sludge charged to the incinerator averaged over each 1-hour incinerator operating period;

e. incinerator fuel use averaged over each 8-hour incinerator operating period; and

f. moisture and volatile solids content of the daily grab sample of sewage sludge charged to the incinerator.

5. The owner or operator of any sewage sludge incinerator other than a multiple hearth, fluidized bed, or electric incinerator or any sewage sludge incinerator equipped with a control device other than a wet scrubber shall include in the semiannual report a record of control device operation measurements, as specified in the plan approved under Paragraph C.5 of this Section.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:809 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2399 (November 2007).

§7313. Standard Conditions Applicable to All Sewage Sludge and Biosolids Use or Disposal Permits

A. General Conditions

1. Incorporation of Provisions. In accordance with the provisions of this Chapter all Sewage Sludge and Biosolids Use or Disposal Permits shall incorporate either expressly or by reference all conditions and requirements applicable to the preparation and use or disposal of sewage sludge set forth in the Louisiana Environmental Quality Act, as amended, as well as all applicable regulations.

2. Duty to Comply. The permittee must comply with all conditions of an issued final permit. Any permit noncompliance constitutes a violation of the Louisiana Environmental Quality Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Enforcement Actions

a. The department may take enforcement action as prescribed by state law or regulation against any person who:

i. fails to submit a permit application as required by law;

ii. knowingly makes any false statement, representation, or certification in any application, record, report, or other document filed with the department pursuant to the Act or these regulations. Violations of this provision may subject the violator to the penalties provided for in the Act for perjury or false statements;

iii. fails to correct deficiencies in the permit application, or upon becoming aware that any relevant facts or information were omitted in a permit application or in any report to the department, fails to promptly submit such facts or information;

iv. fails to take any necessary action to complete the permit issuance, such as payment of fees or publication of required notices; or

v. fails to comply with any condition of the permit.

b. In cases where an application for a Sewage Sludge and Biosolids Use or Disposal Permit is withdrawn by the applicant, a written notification shall be provided to the Office of Environmental Services stating that no sewage sludge use or disposal practice or other activity that would require a permit from the Office of Environmental Services is currently taking place. Provided that the application was not made in response to previous enforcement action, the applicant is then exempt from enforcement action for causes listed under this Paragraph.

4. Toxic Pollutants

a. If any sewage sludge use or disposal standard or prohibition is promulgated under this Chapter or Section 405 of the Clean Water Act for a pathogen or pollutant, or concerning vector attraction reduction, management practices, etc., and that standard or prohibition is more stringent than any applicable requirement in an existing permit, the administrative authority shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the sewage sludge use or disposal standard or prohibition.

b. The permittee shall comply with sewage sludge use or disposal standards or prohibitions established under this Chapter within the time frame provided in the regulations that establish these standards or prohibitions, even if the permit has not been modified to incorporate the requirement.

5. Duty to Reapply for an Individual Permit. If the permittee wishes to continue an activity regulated by an existing permit after the expiration date of that permit, the permittee must apply for and obtain a new permit. The new application shall be submitted at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the administrative authority. (The administrative authority shall not grant permission for applications to be submitted later than the expiration date of the existing permit.) A permit that was issued in accordance with these regulations and that has expired shall be administratively continued until such time as a decision on an application to continue an activity under the permit has been issued by the administrative authority, if the application was received by the department at least 180 days prior to the permit expiration.

6. Permit Action. The conditions set forth in LAC 33:IX.2903, 2905, 2907, 3105, and 6509 as causes for modification, revocation and reissuance, and termination of a permit shall apply to permits issued in accordance with these regulations.

7. Property Rights. The issuance of a permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information. The permittee shall furnish to the administrative authority, within a reasonable time, any information that the administrative authority requests to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. The permittee shall also furnish to the administrative authority, upon request, copies of records required to be kept by the permit.

9. State Laws. Nothing in the permit shall be construed to preclude the institution of any legal action, or to relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

10. Severability. If any provision of these regulations, or the application thereof, is held to be invalid, the remaining provisions of these regulations shall not be affected, so long as they can be given effect without the invalid provision. To this end, the provisions of these regulations are declared to be severable.

11. Draft Permits. The conditions set forth in LAC 33:IX.3107 for draft permits shall also pertain to permits issued in accordance with these regulations.

12. Fact Sheet. A fact sheet shall be prepared for each draft permit issued in accordance with these regulations. The contents of the fact sheet shall include, but not be limited to, the following:

a. the name of the applicant;

b. the name of the facility;

c. the address of the facility;

d. the physical location of all facilities that are utilized to prepare sewage sludge or biosolids;

e. the physical location of all land application sites;

f. general and management practices;

g. soil and site restrictions;

h. monitoring, sampling and analysis, and reporting requirements; and

i. all other information that is pertinent to the facility and to the permitting process.

13. Public Notice of Permit Actions and Public Comment Period. The conditions set forth in LAC 33:IX.3113 and 6521 for public notices and the public comment period shall apply to all permits issued in accordance with these regulations.

14. Public Comments and Requests for Public Hearings. The conditions set forth in LAC 33:I.1505 and IX.3115 for public comments and requests for public hearings shall apply to all permits issued in accordance with these regulations.

15. Public Hearings. The conditions set forth in LAC 33:IX.3117 for public hearings shall apply to all permits issued in accordance with these regulations.

16. Obligations to Raise Issues and Provide Information During the Public Comment Period. The conditions set forth in LAC 33:IX.3119 for the obligations to raise issues and provide information during the public comment period shall apply to all permits issued in accordance with these regulations.

17. Reopening of the Public Comment Period. The conditions set forth in LAC 33:IX.3121 for reopening of the public comment period shall apply to all permits issued in accordance with these regulations.

18. Issuance of a Final Permit Decision. After the close of the public comment period under Paragraph A.13 of this Section for a draft permit, the administrative authority shall issue a final permit decision. The administrative authority shall notify the applicant and each person who has submitted written comments or requested notice of the final permit decision. This notice shall include reference to the procedures for appealing a decision on a Sewage Sludge and Biosolids Use or Disposal Permit. For the purposes of this Section a *final permit decision* means a final decision to issue, deny, modify, revoke and reissue, or terminate a permit.

19. Response to Comments. The conditions set forth in LAC 33:IX.3125 for responding to comments shall apply to all permits issued in accordance with these regulations.

B. Proper Operation and Maintenance

1. Need to Halt or Reduce Not a Defense. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

2. Duty to Mitigate. The permittee shall take all reasonable steps to minimize or prevent any sewage sludge use or disposal practice in violation of the permit that has a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including putting into effect such accelerated or additional monitoring as is necessary to determine the nature and impact of the noncomplying practice.

3. Proper Operation and Maintenance

a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance also

includes employing adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

b. The permittee shall provide an adequate operating staff that is duly qualified to carry out operation and maintenance and other functions necessary to ensure compliance with the conditions of the permit.

C. Monitoring and Records

1. Inspection and Entry. The conditions set forth in LAC 33:IX.6513 for inspection and entry shall apply to all permits issued in accordance with these regulations.

2. Additional Monitoring by the Permittee. If the permittee monitors any pollutant more frequently than required by the permit using test procedures approved under LAC 33:IX.7301.I or, unless otherwise specified in 40 CFR Part 503, as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted on the sludge reporting form specified by the administrative authority.

3. Laboratory Accreditation

a. LAC 33:I.Chapters 45-59 provide requirements for an accreditation program specifically applicable to commercial laboratories, wherever located, that provide chemical analyses, analytical results, or other test data to the department, by contract or by agreement, and the data is:

i. submitted on behalf of any facility, as defined in R.S. 30:2004;

ii. required as part of any permit application;

iii. required by order of the department;

iv. required to be included on any monitoring report submitted to the department;

v. required to be submitted by a contractor; or

vi. otherwise required by department regulations.

b. The department laboratory accreditation program is designed to ensure the accuracy, precision, and reliability of the data generated, as well as the use of department-approved methodologies in generation of that data. Laboratory data generated by commercial environmental laboratories that are not accredited under these regulations will not be accepted by the department. Retesting and re-analyses by an accredited commercial laboratory will be required. Where retesting is not possible, the data generated will be considered invalid and in violation of the Sewage Sludge and Biosolids Use or Disposal Permit.

c. The regulations and guidelines on the environmental laboratory accreditation program and a list of laboratories that have applied for accreditation are available on the department's website. Questions concerning the program may be directed to the Office of Environmental Assessment.

D. Reporting Requirements

1. Facility Changes. The permittee shall give notice to the Office of Environmental Services as soon as possible of any planned physical alterations or additions to the permitted facility.

2. Anticipated Noncompliance. The permittee shall give advance notice to the Office of Environmental Services of any planned changes in the permitted facility or activity that may result in noncompliance with permit requirements.

3. Transfers. A permit is not transferable to any person except after notice to the Office of Environmental Services. The administrative authority may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Louisiana Environmental Quality Act. Except as provided in LAC 33:IX.2901.A, a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary under the Louisiana Environmental Quality Act.

4. Compliance Schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of a permit shall be submitted no later than 14 days following each schedule date.

5. Other Noncompliance. The permittee shall report all instances of noncompliance not reported under Paragraph D.4 of this Section at the time monitoring reports are submitted.

6. Other Information. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrative authority, it shall promptly submit the omitted facts or correct information.

7. Signatory Requirements. All applications, reports, or information submitted to the administrative authority shall be signed and certified.

a. All permit applications shall be signed as follows:

i. for a corporation—by a responsible corporate officer. For the purposes of this Section, a *responsible corporate officer* means:

(a). a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation. These responsible corporate officers are presumed to have the authority to sign permit applications unless the corporation has notified the administrative authority to the contrary; or

(b). the manager of one or more manufacturing, production, or operating facilities, provided that the manager

is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term compliance with environmental laws and regulations; the manager has the authority to ensure that the necessary systems are established or actions are taken to gather complete and accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals;

ii. for a partnership or sole proprietorship—by a general partner or the proprietor, respectively; or

iii. for a municipality or a state, federal, or other public agency—by either a principal executive officer or ranking elected official. For purposes of this Paragraph, a principal executive officer of a federal agency includes:

(a). the chief executive officer of the agency; or

(b). a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a regional administrator of EPA).

b. All reports required by permits, and submission of other information requested by the administrative authority, shall be signed by a person described in Subparagraph D.7.a of this Section, or by a duly authorized representative of that person. For the purposes of this Subparagraph, a person is a *duly authorized representative* only if:

i. his or her authorization has been made in writing by a person described in Subparagraph D.7.a of this Section;

ii. the authorization specifies either an individual or a position now having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or a position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. A duly authorized representative may thus be either a named individual or an individual occupying a named position; and

iii. the written authorization is submitted to the administrative authority.

c. Changes to Authorization. If an authorization under Subparagraph D.7.b of this Section is no longer accurate because a different individual or position now has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Subparagraph D.7.b of this Section must be submitted to the administrative authority prior to, or together with, any reports, information, or applications to be signed by an authorized representative.

d. Certification. Any person signing a document under the provisions of Subparagraph D.7.a or b of this Section shall make the following certification.

> "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

8. Availability of Reports. All recorded information concerning permits and permit applications under this Chapter (completed permit application forms, fact sheets, draft permits, or any public document) not classified as confidential information under R.S. 30:2030(A) and 2074(D) and designated as such in accordance with LAC 33:IX.2323.A and C and LAC 33:IX.6503 shall be made available to the public for inspection and copying during normal working hours in accordance with the Public Records Act, R.S. 44:1 et seq. Claims of confidentiality for the following will be denied:

a. the name and address of any permit applicant or permittee;

b. permit applications, permits, and effluent data; and

c. information required by the Sewage Sludge and Biosolids Use or Disposal Permit application forms provided by the administrative authority. This includes information submitted on the forms themselves and any attachments used to supply information required by the forms.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2074(B)(1)(c) and (B)(3)(e).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2406 (November 2007).

Subchapter B. Appendices

§7395. Financial Assurances Documents—Appendices A, B, C, D, E, F, G, H, I, and J [Formerly §7135]

A. Appendix A—Liability Endorsement

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY
OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND
APPLICATION SITE

LIABILITY ENDORSEMENT

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Water Permits Division
Dear Sir:

(A). This endorsement certifies that the policy to which the endorsement is attached provides liability insurance covering bodily injury and property damage in connection with [name of the insured, which must be either the permit holder, the applicant, or the operator. (Note: The operator will provide the liability-insurance documentation only when the permit holder/applicant is a public governing body and the public governing body is not the operator.)] The insured's obligation to demonstrate financial responsibility is required in accordance with *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.A.2. The coverage applies at [list the site identification number, site name, facility name, facility permit number, and facility address] for sudden and accidental occurrences. The limits of liability are per occurrence, and annual aggregate, per site, exclusive of legal-defense costs.

(B). The insurance afforded with respect to such occurrences is subject to all of the terms and conditions of the policy; provided, however, that any provisions of the policy inconsistent with Subclauses (1)-(5), below, are hereby amended to conform with Subclauses (1)-(5), below:

(1). Bankruptcy or insolvency of the insured shall not relieve the insurer of its obligations under the policy to which this endorsement is attached.

(2). The insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated, as specified in LAC 33:IX.7307.A.2.d, e, or f.

(3). Whenever requested by the administrative authority, the insurer agrees to furnish to the administrative authority a signed duplicate original of the policy and all endorsements.

(4). Cancellation of this endorsement, whether by the insurer or the insured, will be effective only upon written notice and upon lapse of 60 days after a copy of such written notice is received by the administrative authority.

(5). Any other termination of this endorsement will be effective only upon written notice and upon lapse of 30 days after a copy of such written notice is received by the administrative authority.

(C). Attached is the endorsement which forms part of the policy [policy number] issued by [name of insurer], herein called the insurer, of [address of the insurer] to [name of the insured] of [address of the insured], this [date]. The effective date of said policy is [date].

(D). I hereby certify that the wording of this endorsement is identical to the wording specified in LAC 33:IX.7307.A.2.b, effective on the date first written above and that insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more states, and is admitted, authorized, or eligible to conduct insurance business in the state of Louisiana.

[Signature of authorized representative of insurer]
[Typed name of authorized representative of insurer]
[Title of authorized representative of insurer]
[Address of authorized representative of insurer]

B. Appendix B—Certificate of Insurance

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

CERTIFICATE OF LIABILITY INSURANCE

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Water Permits Division

Dear Sir:

(A). [Name of insurer], the "insurer," of [address of insurer] hereby certifies that it has issued liability insurance covering bodily injury and property damage to [name of insured, which must be either the permit holder or applicant of the facility], the "insured," of [address of insured] in connection with the insured's obligation to demonstrate financial responsibility under *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.A.2. The coverage applies at [list agency interest number(s), site name(s), facility name(s), facility permit number(s), and site address(es)] for sudden and accidental occurrences. The limits of liability are each occurrence and annual aggregate, per site, exclusive of legal-defense costs. The coverage is provided under policy number [policy number], issued on [date]. The effective date of said policy is [date].

(B). The insurer further certifies the following with respect to the insurance described in Paragraph (A):

(1). Bankruptcy or insolvency of the insured shall not relieve the insurer of its obligations under the policy.

(2). The insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated, as specified in LAC 33:IX.7307.A.2.d, e, or f.

(3). Whenever requested by the administrative authority, the insurer agrees to furnish to him a signed duplicate original of the policy and all endorsements.

(4). Cancellation of the insurance, whether by the insurer or the insured, will be effective only upon written notice and upon lapse of 60 days after a copy of such written notice is received by the administrative authority.

(5). Any other termination of the insurance will be effective only upon written notice and upon lapse of 30 days after a copy of such written notice is received by the administrative authority.

(C). I hereby certify that the wording of this certificate is identical to the wording specified in LAC 33:IX.7307.A.2.c, as such regulations were constituted on the date first written above, and that the insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more states, and is admitted, authorized, or eligible to conduct insurance business in the state of Louisiana.

[Signature of authorized representative of insurer]
[Typed name of authorized representative of insurer]
[Title of authorized representative of insurer]
[Address of authorized representative of insurer]

C. Appendix C—Letter of Credit

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

IRREVOCABLE LETTER OF CREDIT

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Water Permits Division

Dear Sir:

We hereby establish our Irrevocable Standby Letter of Credit No.[number] at the request and for the account of

[permit holder's or applicant's name and address] for its [list site identification number(s), site name(s), facility name(s), and facility permit number(s)] at [location(s)], Louisiana, in favor of any governmental body, person, or other entity for any sum or sums up to the aggregate amount of U.S. dollars [amount] upon presentation of:

(A). A final judgment issued by a competent court of law in favor of a governmental body, person, or other entity and against [permit holder's or applicant's name] for sudden and accidental occurrences for claims arising out of injury to persons or property due to the operation of the commercial preparer of sewage sludge facility or commercial land applier of biosolids land application site at the [name of permit holder or applicant] at [site location(s)] as set forth in the *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.A.

(B). A sight draft bearing reference to the Letter of Credit No. [number] drawn by the governmental body, person, or other entity, in whose favor the judgment has been rendered as evidenced by documentary requirement in Paragraph (A).

The Letter of Credit is effective as of [date] and will expire on [date], but such expiration date will be automatically extended for a period of at least one year on the above expiration date [date] and on each successive expiration date thereafter, unless, at least 120 days before the then-current expiration date, we notify both the administrative authority and [name of permit holder or applicant] by certified mail that we have decided not to extend this Letter of Credit beyond the then-current expiration date. In the event we give such notification, any unused portion of this Letter of Credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both the Department of Environmental Quality and [name of permit holder/applicant] as shown on the signed return receipts.

Whenever this Letter of Credit is drawn under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into the standby trust fund of [name of permit holder or applicant] in accordance with the administrative authority's instructions.

Except to the extent otherwise expressly agreed to, the Uniform Customs and Practice for Documentary Letters of Credit (1983), International Chamber of Commerce Publication No. 400, shall apply to this Letter of Credit.

We certify that the wording of this Letter of Credit is identical to the wording specified in LAC 33:IX.7307.A.2.d.v, effective on the date shown immediately below.

[Signature(s) and title(s) of official(s) of issuing institution(s)]
[date]

D. Appendix D—Trust Agreement

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

TRUST AGREEMENT/STANDBY TRUST AGREEMENT

This Trust Agreement (the "Agreement") is entered into as of [date] by and between [name of permit holder or applicant], a [name of state] [insert "corporation," "partnership," "association," or "proprietorship"], the "Grantor," and [name of corporate trustee], [insert "incorporated in the state of" or "a national bank" or a "a state bank"], the "Trustee."

WHEREAS, the Department of Environmental Quality of the State of Louisiana, an agency of the state of Louisiana, has established certain regulations applicable to the Grantor, requiring that a permit holder or applicant for a permit for a commercial preparer of sewage sludge facility shall provide assurance that funds will be available when needed for [closure and/or post-closure] care of the facility;

WHEREAS, the Grantor has elected to establish a trust to provide all or part of such financial assurance for the facility identified herein;

WHEREAS, the Grantor, acting through its duly authorized officers, has selected [the Trustee] to be the trustee under this Agreement, and [the Trustee] is willing to act as trustee.

NOW, THEREFORE, the Grantor and the Trustee agree as follows:

SECTION 1. DEFINITIONS

As used in this Agreement:

(a). The term "Grantor" means the permit holder or applicant who enters into this Agreement and any successors or assigns of the Grantor.

(b). The term "Trustee" means the Trustee who enters into this Agreement and any successor trustee.

(c). The term "Secretary" means the Secretary of the Louisiana Department of Environmental Quality.

(d). The term "Administrative Authority" means the Secretary or a person designated by him to act therefor.

SECTION 2. IDENTIFICATION OF FACILITIES AND COST ESTIMATES

This Agreement pertains to the facilities and cost estimates identified on attached Schedule A. [On Schedule A, list the agency interest number, site name, facility name, facility permit number, and the annual aggregate amount of liability coverage or current closure and/or post-closure cost estimates, or portions thereof, for which financial assurance is demonstrated by this Agreement.]

SECTION 3. ESTABLISHMENT OF FUND

The Grantor and the Trustee hereby establish a trust fund, the "Fund," for the benefit of the Louisiana Department of Environmental Quality. The Grantor and the Trustee intend that no third party shall have access to the Fund, except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. [Note: Standby Trust Agreements need not be funded at the time of execution. In the case of Standby Trust Agreements, Schedule B should be blank except for a statement that the Agreement is not presently funded, but shall be funded by the financial assurance document used by the Grantor in accordance with the terms of that document.] Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, in trust, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by the administrative authority.

SECTION 4. PAYMENT FOR CLOSURE AND/OR POST-CLOSURE CARE OR LIABILITY COVERAGE

The Trustee shall make payments from the Fund as the administrative authority shall direct, in writing, to provide for the payment of the costs of [liability claims, closure and/or post-closure] care of the facility covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the administrative authority from the Fund for [liability claims, closure and/or post-closure] expenditures in such amounts as the administrative authority shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the administrative authority specifies in

writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

SECTION 5. PAYMENTS COMPRISED BY THE FUND

Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee.

SECTION 6. TRUSTEE MANAGEMENT

The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the Grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims, except that:

(a). Securities or other obligations of the Grantor, or any owner of the [facility or facilities] or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or other obligations of the federal or a state government.

(b). The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the federal or state government; and

(c). The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

SECTION 7. COMMINGLING AND INVESTMENT

The Trustee is expressly authorized, at its discretion:

(a). To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all provisions thereof, to be commingled with the assets of other trusts participating therein; and

(b). To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1, et seq., including one which may be created, managed, or underwritten, or one to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares at its discretion.

SECTION 8. EXPRESS POWERS OF TRUSTEE

Without in any way limiting the powers and discretion conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

(a). To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;

(b). To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c). To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve Bank, but the books and records of the Trustee shall at all times show that all securities are part of the Fund;

(d). To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the federal or state government; and

(e). To compromise or otherwise adjust all claims in favor of, or against, the Fund.

SECTION 9. TAXES AND EXPENSES

All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and other proper charges and disbursements of the Trustee, shall be paid from the Fund.

SECTION 10. ANNUAL VALUATION

The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the administrative authority a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the Fund. The failure of the Grantor to object in writing to the Trustee, within 90 days after the statement has been furnished to the Grantor and the administrative authority, shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

SECTION 11. ADVICE OF COUNSEL

The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any questions arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

SECTION 12. TRUSTEE COMPENSATION

The Trustee shall be entitled to reasonable compensation for its services, as agreed upon in writing from time to time with the Grantor.

SECTION 13. SUCCESSOR TRUSTEE

The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall, in writing, specify to the Grantor, the administrative authority, and the present Trustee by certified mail, 10 days before such change becomes effective, the date on which it assumes administration of the

trust. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 9.

SECTION 14. INSTRUCTIONS TO THE TRUSTEE

All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by the persons designated in the attached Exhibit A or such other persons as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the administrative authority to the Trustee shall be in writing and signed by the administrative authority. The Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or termination of the authority of any person to act on behalf of the Grantor or administrative authority hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or administrative authority, except as provided for herein.

SECTION 15. NOTICE OF NONPAYMENT

The Trustee shall notify the Grantor and the administrative authority, by certified mail, within 10 days following the expiration of the 30-day period after the anniversary of the establishment of the Trust, if no payment is received from the Grantor during that period. After the pay-in period is completed, the Trustee shall not be required to send a notice of nonpayment.

SECTION 16. AMENDMENT OF AGREEMENT

This Agreement may be amended by an instrument, in writing, executed by the Grantor, the Trustee, and the administrative authority, or by the Trustee and the administrative authority, if the Grantor ceases to exist.

SECTION 17. IRREVOCABILITY AND TERMINATION

Subject to the right of the parties to amend this Agreement, as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the administrative authority, or by the Trustee and the administrative authority, if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

SECTION 18. IMMUNITY AND INDEMNIFICATION

The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any direction by the Grantor or the administrative authority issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the Trust Fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all reasonable expenses incurred in its defense in the event that the Grantor fails to provide such defense.

SECTION 19. CHOICE OF LAW

This Agreement shall be administered, construed, and enforced according to the laws of the state of Louisiana.

SECTION 20. INTERPRETATION

As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their respective officers duly authorized [and their corporate seals to be hereunto affixed] and attested to as of the date first above written. The parties below certify that the wording of this Agreement is identical to the wording specified in *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.B.3.i, on the date first written above.

WITNESSES:
_____
_____

GRANTOR:
_____
By: _____
Its: _____
[Seal]

TRUSTEE:
_____
By: _____
Its: _____
[Seal]

THUS DONE AND PASSED in my office in _____, on the _____ day of _____, 20_____, in the presence of _____ and _____, competent witnesses, who hereunto sign their names with the said appearers and me, Notary, after reading the whole.

_____
Notary Public

(The following is an example of the certification of acknowledgement that must accompany the trust agreement.)

STATE OF LOUISIANA
PARISH OF _____

BE IT KNOWN, that on this _____ day of _____, 20_____, before me, the undersigned Notary Public, duly commissioned and qualified within the State and Parish aforesaid, and in the presence of the witnesses hereinafter named and undersigned, personally came and appeared _____, to me well known, who declared and acknowledged that he had signed and executed the foregoing instrument as his act and deed, and as the act and deed of the _____, a corporation, for the consideration, uses, and purposes and on terms and conditions therein set forth.

And the said appearer, being by me first duly sworn, did depose and say that he is the _____ of said corporation and that he signed and executed said instrument in his said capacity, and under authority of the Board of Directors of said corporation.

Thus done and passed in the State and Parish aforesaid, on the day and date first hereinabove written, and in the presence of _____ and _____, competent witnesses, who have hereunto subscribed their name as such, together with said appearer and me, said authority, after due reading of the whole.

WITNESSES:
_____
_____
_____
NOTARY PUBLIC

E. Appendix E—Surety Bond

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

FINANCIAL GUARANTEE BOND

Date bond was executed:_____
Effective date:_____
Principal: [legal name and business address of permit holder or applicant]
Type of organization: [insert "individual," "joint venture," "partnership," or "corporation"]
State of incorporation:_____
Surety: [name and business address]
[agency interest number, site name, facility name, facility permit number, and current closure and/or post-closure amount(s) for each facility guaranteed by this bond]
Total penal sum of bond: $_____
Surety's bond number: _____

Know All Persons By These Presents, That we, the Principal and Surety hereto, are firmly bound to the Louisiana Department of Environmental Quality in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where Sureties are corporations acting as cosureties, we the sureties bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit or liability is indicated, the limit of liability shall be the full amount of the penal sum.

WHEREAS, said Principal is required, under the Louisiana Environmental Quality Act, R.S. 30:2001 et seq., and specifically 2074(B)(4), to have a permit in order to own or operate the commercial preparer of sewage sludge facility identified above; and

WHEREAS, the Principal is required by law to provide financial assurance for closure and/or post-closure care, as a condition of the permit; and

WHEREAS, said Principal shall establish a standby trust fund as is required by the *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307, when a surety bond is used to provide such financial assurance;

NOW THEREFORE, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of the facility identified above, fund the standby trust fund in the amount(s) identified above for the facility,

OR, if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to close is issued by the administrative authority or a court of competent jurisdiction,

OR, if the Principal shall provide alternate financial assurance as specified in LAC 33:IX.7307.B and obtain written approval from the administrative authority of such assurance, within 90 days after the date of notice of cancellation is received by both the Principal and the administrative authority from the Surety,

THEN, this obligation shall be null and void; otherwise it is to remain in full force and effect.

The Surety shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by the administrative authority that the Principal has failed to perform as guaranteed by this bond, the Surety shall place funds in the amount guaranteed for the facility into the standby trust fund as directed by the administrative authority.

The Surety hereby waives notification or amendments to closure plans, permits, applicable laws, statutes, rules, and regulations, and agrees that no such amendment shall in any way alleviate its obligation on this bond.

The liability of the Surety shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety hereunder exceed the amount of the penal sum.

The Surety may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the administrative authority. Cancellation shall not occur before 120 days have elapsed beginning on the date that both the Principal and the administrative authority received the notice of cancellation, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety and to the administrative authority, provided, however, that no such notice shall become effective until the Surety has received written authorization for termination of the bond by the administrative authority.

The Principal and Surety hereby agree to adjust the penal sum of the bond yearly in accordance with LAC 33:IX.7307.B and the conditions of the commercial preparer of sewage sludge facility permit so that it guarantees a new closure and/or post-closure amount, provided that the penal sum does not increase or decrease without the written permission of the administrative authority.

The Principal and Surety hereby agree that no portion of the penal sum may be expended without prior written approval of the administrative authority.

IN WITNESS WHEREOF, the Principal and the Surety have executed this FINANCIAL GUARANTEE BOND and have affixed their seals on the date set forth above.

Those persons whose signatures appear below hereby certify that they are authorized to execute this FINANCIAL GUARANTEE BOND on behalf of the Principal and Surety, that each Surety hereto is authorized to do business in the state of Louisiana, and that the wording of this surety bond is identical to the wording specified in LAC 33:IX.7307.B.4.h, effective on the date this bond was executed.

PRINCIPAL
[Signature(s)]
[Name(s)]
[Title(s)]
[Corporate Seal]

CORPORATE SURETIES
[Name and Address]
State of incorporation: _____
Liability limit: $_____
[Signature(s)]
[Name(s) and title(s)]
[Corporate seal]
[This information must be provided for each cosurety]
Bond Premium: $_____

F. Appendix F—Performance Bond

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

PERFORMANCE BOND

Date bond was executed:_____
Effective date:_____
Principal: [legal name and business address of permit holder or applicant]
Type of organization: [insert "individual," "joint venture," "partnership," or "corporation"]
State of incorporation:_____
Surety: [name(s) and business address(es)]

[agency interest number, site name, facility name, facility permit number, facility address, and closure and/or post-closure amount(s) for each facility guaranteed by this bond (indicate closure and/or post-closure costs separately)]

Total penal sum of bond: $_____

Surety's bond number: _____

Know All Persons by These Presents, That we, the Principal and Surety hereto, are firmly bound to the Louisiana Department of Environmental Quality in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally; provided that, where Sureties are corporations acting as cosureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

WHEREAS, said Principal is required, under the Louisiana Environmental Quality Act, R.S. 30:2001 et seq., and specifically 2074(B)(4), to have a permit in order to own or operate the commercial preparer of sewage sludge facility identified above; and

WHEREAS, the Principal is required by law to provide financial assurance for closure and/or post-closure care, as a condition of the permit; and

WHEREAS, said Principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

THEREFORE, the conditions of this obligation are such that if the Principal shall faithfully perform closure, whenever required to do so, of the facility for which this bond guarantees closure, in accordance with the closure plan and other requirements of the permit as such plan and permit may be amended, pursuant to all applicable laws, statutes, rules, and regulations, as such laws, statutes, rules, and regulations may be amended;

AND, if the Principal shall faithfully perform post-closure care of each facility for which this bond guarantees post-closure care, in accordance with the closure plan and other requirements of the permit, as such plan and permit may be amended, pursuant to all applicable laws, statutes, rules, and regulations, as such laws, statutes, rules, and regulations may be amended;

OR, if the Principal shall provide financial assurance as specified in *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.B and obtain written approval of the administrative authority of such assurance, within 90 days after the date of notice of cancellation is received by both the Principal and the administrative authority, then this obligation shall be null and void; otherwise it is to remain in full force and effect.

The surety shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described hereinabove.

Upon notification by the administrative authority that the Principal has been found in violation of the closure requirements of LAC 33:IX.7305.C.3, or of its permit, for the facility for which this bond guarantees performances of closure, the Surety shall either perform closure, in accordance with the closure plan and other permit requirements, or place the closure amount guaranteed for the facility into the standby trust fund as directed by the administrative authority.

Upon notification by the administrative authority that the Principal has been found in violation of the post-closure requirements of the LAC 33:IX.7305.C.3, or of its permit for the facility for which this bond guarantees performance of post-closure, the Surety shall either perform post-closure in accordance with the closure plan and other permit requirements or place the post-closure amount guaranteed for the facility into the standby trust fund as directed by the administrative authority.

Upon notification by the administrative authority that the Principal has failed to provide alternate financial assurance, as specified in LAC 33:IX.7307.B, and obtain written approval of such assurance from the administrative authority during the 90 days following receipt by both the Principal and the administrative authority of a notice of cancellation of the bond, the Surety shall place funds in the amount guaranteed for the facility into the standby trust fund as directed by the administrative authority.

The Surety hereby waives notification of amendments to closure plans, permit, applicable laws, statutes, rules, and regulations, and agrees that no such amendment shall in any way alleviate its obligation on this bond.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety hereunder exceed the amount of the penal sum.

The Surety may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the administrative authority. Cancellation shall not occur before 120 days have lapsed beginning on the date that both the Principal and the administrative authority received the notice of cancellation, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety and to the administrative authority, provided, however, that no such notice shall become effective until the Surety receives written authorization for termination of the bond by the administrative authority.

The Principal and Surety hereby agree to adjust the penal sum of the bond yearly in accordance with LAC 33:IX.7307.B and the conditions of the commercial preparer of sewage sludge facility permit so that it guarantees a new closure and/or post-closure amount, provided that the penal sum does not increase or decrease without the written permission of the administrative authority.

The Principal and Surety hereby agree that no portion of the penal sum may be expended without prior written approval of the administrative authority.

IN WITNESS WHEREOF, the Principal and the Surety have executed this PERFORMANCE BOND and have affixed their seals on the date set forth above.

Those persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety, that each Surety hereto is authorized to do business in the state of Louisiana, and that the wording of this surety bond is identical to the wording specified in LAC 33:IX.7307.B.5.h, effective on the date this bond was executed.

PRINCIPAL
[Signature(s)]
[Name(s)]
[Title(s)]
[Corporate seal]

CORPORATE SURETY
[Name and address]
State of incorporation: _____
Liability limit: $_____
[Signature(s)]
[Name(s) and title(s)]
[Corporate seal]
[For every cosurety, provide signature(s), corporate seal, and

other information in the same manner as for Surety above.]
Bond premium: $_____

G. Appendix G—Letter of Credit

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

IRREVOCABLE LETTER OF CREDIT

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Water Permits Division

Dear Sir:

We hereby establish our Irrevocable Standby Letter of Credit No. _____ in favor of the Department of Environmental Quality of the state of Louisiana at the request and for the account of [permit holder's or applicant's name and address] for the [closure and/or post-closure] fund for its [list agency interest number, site name, facility name, facility permit number] at [location], Louisiana, for any sum or sums up to the aggregate amount of U.S. dollars $_____ upon presentation of:

(i). A sight draft, bearing reference to the Letter of Credit No. _____ drawn by the administrative authority, together with;

(ii). A statement, signed by the administrative authority, declaring that the amount of the draft is payable into the standby trust fund pursuant to the Louisiana Environmental Quality Act, R.S. 30:2001, et seq.

The Letter of Credit is effective as of [date] and will expire on [date], but such expiration date will be automatically extended for a period of at least one year on the above expiration date [date] and on each successive expiration date thereafter, unless, at least 120 days before the then-current expiration date, we notify both the administrative authority and [name of permit holder or applicant] by certified mail that we have decided not to extend this Letter of Credit beyond the then-current expiration date. In the event that we give such notification, any unused portion of this Letter of Credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both the Department of Environmental Quality and [name of permit holder or applicant], as shown on the signed return receipts.

Whenever this Letter of Credit is drawn under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into the standby trust fund of [name of permit holder or applicant] in accordance with the administrative authority's instructions.

Except to the extent otherwise expressly agreed to, the [insert “the most recent addition of the Uniform Customs and Practice for Documentary Credits, published and copyrighted by the International Chamber of Commerce,” or “the Uniform Commercial Code”] , shall apply to this Letter of Credit.

We certify that the wording of this Letter of Credit is identical to the wording specified in *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.B.6.h, effective on the date shown immediately below.

[Signature(s) and title(s) of official(s) of issuing institution(s)]
[date]

H. Appendix H—Certificate of Insurance

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

CERTIFICATE OF INSURANCE FOR CLOSURE AND/OR POST-CLOSURE CARE

Name and Address of Insurer: _____
(hereinafter called the "Insurer")
Name and Address of Insured: _____
(hereinafter called the "Insured")
(Note: Insured must be the permit holder or applicant.)
Facilities covered: [list the agency interest number, site name, facility name, facility permit number, address, and amount of insurance for closure and/or post-closure care] (These amounts for all facilities must total the face amount shown below.)
Face Amount: _____
Policy Number: _____
Effective Date: _____

The Insurer hereby certifies that it has issued to the Insured the policy of insurance identified above to provide financial assurance for [insert "closure and/or post-closure care"] for the facilities identified above. The Insurer further warrants that such policy conforms in all respects to the requirements of LAC 33:IX.7307.B, as applicable, and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the administrative authority, the Insurer agrees to furnish to the administrative authority a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the Insurer is admitted, authorized, or eligible to conduct insurance business in the state of Louisiana and that the wording of this certificate is identical to the wording specified in LAC 33:IX.7307.B.7.j, effective on the date shown immediately below.

[Authorized signature of Insurer]
[Name of person signing]
[Title of person signing]
Signature of witness or notary:_____
[Date]

I. Appendix I—Letter from the Chief Financial Officer

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

LETTER FROM THE CHIEF FINANCIAL OFFICER
(LIABILITY COVERAGE, CLOSURE, AND/OR POST-CLOSURE)

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Office of Environmental Services,
Water Permits Division

Dear Sir:

I am the chief financial officer of [name and address of firm, which may be either the permit holder, applicant, or parent corporation of the permit holder or applicant]. This letter is in support of this firm's use of the financial test to demonstrate financial responsibility for [insert "liability coverage," "closure," and/or "post-closure," as applicable] as specified in [insert "*Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.A," "LAC 33:IX.7307.B," or "LAC 33:IX.7307.A and B"].

[Fill out the following four paragraphs regarding facilities and associated liability coverage, and closure and post-closure cost estimates. If your firm does not have

facilities that belong in a particular paragraph, write "None" in the space indicated. For each facility, list the agency interest number, site name, facility name, and facility permit number.]

(A). The firm identified above is the [insert "permit holder," "applicant for a standard permit," or "parent corporation of the permit holder or applicant for a standard permit"] of the following commercial preparer of sewage sludge facility, whether in the state of Louisiana or not, for which liability coverage is being demonstrated through the financial test specified in LAC 33:IX.7307.A. The amount of annual aggregate liability coverage covered by the test is shown for each facility:

(B). The firm identified above is the [insert "permit holder," "applicant for a standard permit," or "parent corporation of the permit holder or applicant for a standard permit"] of the following commercial preparer of sewage sludge facility, whether in the state of Louisiana or not, for which financial assurance for [insert "closure," "post-closure care," or "closure and post-closure care"] is demonstrated through a financial test similar to that specified in LAC 33:IX.7307.B or other forms of self-insurance. The current [insert "closure," "post-closure," or "closure and post-closure"] cost estimates covered by the test are shown for each facility:

(C). This firm guarantees through a corporate guarantee similar to that specified in [insert "LAC 33:IX.7307.B" or "LAC 33:IX.7307.A and B"], [insert "liability coverage," "closure," "post-closure care," or "closure and post-closure care"] of the following commercial preparer of sewage sludge facility, whether in the state of Louisiana or not, of which [insert the name of the permit holder or applicant] are/is a subsidiary of this firm. The amount of annual aggregate liability coverage covered by the guarantee for each facility and/or the current cost estimates for the closure and/or post-closure care so guaranteed is shown for each facility:

(D). This firm is the owner or operator of the following commercial preparer of sewage sludge facility, whether in the state of Louisiana or not, for which financial assurance for liability coverage, closure and/or post-closure care is not demonstrated either to the U.S. Environmental Protection Agency or to a state through a financial test or any other financial assurance mechanism similar to those specified in LAC 33:IX.7307.A and/or B. The current closure and/or post-closure cost estimates not covered by such financial assurance are shown for each facility:

This firm [insert "is required" or "is not required"] to file a Form 10K with the Securities and Exchange Commission (SEC) for the latest fiscal year.

The fiscal year of this firm ends on [month, day]. The figures for the following items marked with an asterisk are derived from this firm's independently-audited, year-end financial statements for the latest completed year, ended [date].

[Fill in Part A if you are using the financial test to demonstrate coverage only for the liability requirements.]

PART A. LIABILITY COVERAGE FOR ACCIDENTAL OCCURRENCES

[Fill in Alternative I if the criteria of LAC 33:IX.7307.B.8.a.i are used.]

Alternative I		
1. Amount of annual aggregate liability coverage to be demonstrated	$_____	
*2. Current assets	$_____	
*3. Current liabilities	$_____	
*4. Tangible net worth	$_____	
*5. If less than 90 percent of assets are located in the U.S., give total U.S. assets	$_____	
	YES	NO
6. Is line 4 at least $10 million?	___	___
7. Is line 4 at least 6 times line 1?	___	___
*8. Are at least 90 percent of assets located in the U.S.? If not, complete line 9.	___	___
9. Is line 4 at least 6 times line 1?	___	___

[Fill in Alternative II if the criteria of LAC 33:IX.7307.B.8.a.ii are used.]

Alternative II		
1. Amount of annual aggregate liability coverage to be demonstrated	$_____	
2. Current bond rating of most recent issuance of this firm and name of rating service	_____	
3. Date of issuance of bond	_____	
4. Date of maturity of bond	_____	
*5. Tangible net worth	$_____	
*6. Total assets in U.S. (required only if less than 90 percent of assets are located in the U.S.)	$_____	
	YES	NO
7. Is line 5 at least $10 million?	___	___
8. Is line 5 at least 6 times line 1?	___	___
*9. Are at least 90 percent of assets located in the U.S.? If not, complete line 10.	___	___
10. Is line 6 at least 6 times line 1?	___	___

[Fill in Part B if you are using the financial test to demonstrate assurance only for closure and/or post-closure care.]

PART B. CLOSURE AND/OR POST CLOSURE

[Fill in Alternative I if the criteria of LAC 33:IX.7307.B.8.a.i are used.]

Alternative I		
1. Sum of current closure and/or post-closure estimate (total all cost estimates shown above)	$_____	
*2. Tangible net worth	$_____	
*3. Net worth	$_____	
*4. Current Assets	$_____	
*5. Current liabilities	$_____	
*6. The sum of net income plus depreciation, depletion, and amortization	$_____	
*7. Total assets in U.S. (required only if less than 90 percent of firm's assets are located in the U.S.)	$_____	
	YES	NO
8. Is line 2 at least $10 million?	___	___
9. Is line 2 at least 6 times line 1?	___	___
*10. Are at least 90 percent of the firm's assets located in the U.S.? If not, complete line 11.	___	___
11. Is line 7 at least 6 times line 1?	___	___

[Fill in Alternative II if the criteria of LAC 33:IX.7307.B.8.a.ii are used.]

Alternative II		
1. Sum of current closure and post-closure cost estimates (total of all cost estimates shown above)	$_____	
2. Current bond rating of most recent issuance of this firm and name of rating service	_____	
3. Date of issuance of bond	_____	
4. Date of maturity of bond	_____	
*5. Tangible net worth (If any portion of the closure and/or post-closure cost estimate is included in "total liabilities" on your firm's financial statement, you may add the amount of that portion to this line.)	$_____	
*6. Total assets in U.S. (required only if less than 90 percent of the firm's assets are located in the U.S.)	$_____	
	YES	NO
7. Is line 5 at least $10 million?	____	____
8. Is line 5 at least 6 times line 1?	____	____
9. Are at least 90 percent of the firm's assets located in the U.S.? If not, complete line 10.	____	____
10. Is line 6 at least 6 times line 1?	____	____

[Fill in Part C if you are using the financial test to demonstrate assurance for liability coverage, closure, and/or post-closure care.]

PART C. LIABILITY COVERAGE, CLOSURE AND/OR POST-CLOSURE

[Fill in Alternative I if the criteria of LAC 33:IX.7307.B.8.a.i are used.]

Alternative I		
1. Sum of current closure and/or post-closure cost estimates (total of all cost estimates listed above)	$_____	
2. Amount of annual aggregate liability coverage to be demonstrated	$_____	
3. Sum of lines 1 and 2	$_____	
*4. Total liabilities (If any portion of your closure and/or post-closure cost estimates is included in your "total liabilities" in your firm's financial statements, you may deduct that portion from this line and add that amount to lines 5 and 6.)	$_____	
*5. Tangible net worth	$_____	
*6. Net worth	$_____	
*7. Current assets	$_____	
*8. Current liabilities	$_____	
*9. The sum of net income plus depreciation, depletion, and amortization	$_____	
*10. Total assets in the U.S. (required only if less than 90 percent of assets are located in the U.S.)	$_____	
	YES	NO
11. Is line 5 at least $10 million?	_____	_____
12. Is line 5 at least 6 times line 3?	_____	_____
*13. Are at least 90 percent of assets located in the U.S.? If not, complete line 14.	_____	_____
14. Is line 10 at least 6 times line 3?	_____	_____

[Fill in Alternative II if the criteria of LAC 33:IX.7307.B.8.a.ii are used.]

Alternative II		
1. Sum of current closure and/or post-closure cost estimates (total of all cost estimates listed above)	$_____	
2. Amount of annual aggregate liability coverage to be demonstrated	$_____	
3. Sum of lines 1 and 2	$_____	
4. Current bond rating of most recent issuance of this firm and name of rating service	_____	
5. Date of issuance of bond	_____	
6. Date of maturity of bond	_____	
*7. Tangible net worth (If any portion of the closure and/or post-closure cost estimates is included in the "total liabilities" in your firm's financial statements, you may add that portion to this line.)	$_____	
*8. Total assets in U.S. (required only if less than 90 percent of assets are located in the U.S.)	$_____	
	YES	NO
9. Is line 7 at least $10 million?	____	____
10. Is line 7 at least 6 times line 3?	____	____
*11. Are at least 90 percent of assets located in the U.S.? If not, complete line 12.	____	____
12. Is line 8 at least 6 times line 3?	____	____

(The following is to be completed by all firms providing the financial test)

I hereby certify that the wording of this letter is identical to the wording specified in LAC 33:IX.7307.B.8.d.

[Signature of chief financial officer for the firm]
[Typed name of chief financial officer]
[Title]
[Date]

J. Appendix J—Corporate Guarantee

COMMERCIAL PREPARER OF SEWAGE SLUDGE FACILITY OR COMMERCIAL LAND APPLIER OF BIOSOLIDS LAND APPLICATION SITE

CORPORATE GUARANTEE FOR LIABILITY COVERAGE, CLOSURE, AND/OR POST-CLOSURE CARE

Guarantee made this [date] by [name of guaranteeing entity], a business corporation organized under the laws of the state of [insert name of state], hereinafter referred to as guarantor, to the Louisiana Department of Environmental Quality, obligee, on behalf of our subsidiary [insert the name of the permit holder or applicant] of [business address].

Recitals

(A). The guarantor meets or exceeds the financial test criteria and agrees to comply with the reporting requirements for guarantors as specified in *Louisiana Administrative Code* (LAC), Title 33, Part IX.7307.B.8.i.

(B). [Subsidiary] is the [insert "permit holder," or "applicant for a permit"], hereinafter referred to as [insert "permit holder" or "applicant"], for the following commercial preparer of sewage sludge facility covered by this guarantee: [List the agency interest number, site name, facility name, and facility permit number. Indicate for each facility whether guarantee is for liability coverage, closure, and/or post-closure and the amount of annual aggregate liability coverage, closure, and/or post-closure costs covered by the guarantee.]

[Fill in Paragraphs (C) and (D) below if the guarantee is for closure and/or post-closure.]

(C). "Closure plans" as used below refers to the plans maintained as required by LAC 33:IX.7305.C.3, for the closure and/or post-closure care of the facility identified in Paragraph (B) above.

(D). For value received from [insert "permit holder" or "applicant"], guarantor guarantees to the Louisiana Department of Environmental Quality that in the event that [insert "permit holder" or "applicant"] fails to perform [insert "closure," "post-closure care," or "closure and post-closure care"] of the above facility in accordance with the closure plan and other permit requirements whenever required to do so, the guarantor shall do so or shall establish a trust fund as specified in LAC 33:IX.7307.B.3, as applicable, in the name of [insert "permit holder" or "applicant"] in the amount of the current closure and/or post-closure estimates as specified in LAC 33:IX.7307.B.

[Fill in Paragraph (E) below if the guarantee is for liability coverage.]

(E). For value received from [insert "permit holder" or "applicant"], guarantor guarantees to any and all third parties who have sustained or may sustain bodily injury or property damage caused by sudden and accidental occurrences arising from operations of the facility covered by this guarantee that in the event that [insert "permit holder" or "applicant"] fails to satisfy a judgment or award based on a determination of liability for bodily injury or property damage to third parties caused by sudden and accidental occurrences arising from the operation of the above-named facility, or fails to pay an amount agreed to in settlement of a claim arising from or alleged to arise from such injury or damage, the guarantor will satisfy such judgment(s), award(s), or settlement agreement(s) up to the coverage limits identified above.

(F). The guarantor agrees that if, at the end of any fiscal year before termination of this guarantee, the guarantor fails to meet the financial test criteria, guarantor shall send within 90 days, by certified mail, notice to the administrative authority and to [insert "permit holder" or "applicant"] that he intends to provide alternative financial assurance as specified in [insert "LAC 33:IX.7307.A" and/or "LAC 33:IX.7307.B"], as applicable, in the name of the [insert "permit holder" or "applicant"]. Within 120 days after the end of such fiscal year, the guarantor shall establish such financial assurance unless [insert "permit holder" or "applicant"] has done so.

(G). The guarantor agrees to notify the administrative authority, by certified mail, of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming guarantor as debtor, within 10 days after commencement of the proceeding.

(H). The guarantor agrees that within 30 days after being notified by the administrative authority of a determination that guarantor no longer meets the financial test criteria or that he is disallowed from continuing as a guarantor of [insert "liability coverage" or "closure and/or post-closure care"] he shall establish alternate financial assurance as specified in [insert "LAC 33:IX.7307.A" and/or "LAC 33:IX.7307.B"], as applicable, in the name of [insert "permit holder" or "applicant"] unless [insert "permit holder" or "applicant"] has done so.

(I). The guarantor agrees to remain bound under this guarantee notwithstanding any or all of the following: [if the guarantee is for closure and post-closure, insert "amendment or modification of the closure and/or post-closure care, the extension or reduction of the time of performance of closure and/or post-closure"], or any other modification or alteration of an obligation of the [insert "permit holder" or "applicant"] pursuant to LAC 33:IX.7305.C.3.

(J). The guarantor agrees to remain bound under this guarantee for as long as the [insert "permit holder" or "applicant"] must comply with the applicable financial assurance requirements of [insert "LAC 33:IX.7307.A" and/or "LAC 33:IX.7307.B"] for the above-listed facility, except that guarantor may cancel this guarantee by sending notice by certified mail, to the administrative authority and to the [insert "permit holder" or "applicant"], such cancellation to become effective no earlier than 90 days after receipt of such notice by both the administrative authority and the [insert "permit holder" or "applicant"], as evidenced by the return receipts.

(K). The guarantor agrees that if the [insert "permit holder" or "applicant"] fails to provide alternative financial assurance as specified in [insert "LAC 33:IX.7307.A" and/or "LAC 33:IX.7307.B"], as applicable, and obtain written approval of such assurance from the administrative authority within 60 days after a notice of cancellation by the guarantor is received by the administrative authority from guarantor, guarantor shall provide such alternate financial assurance in the name of the [insert "permit holder" or "applicant"].

(L). The guarantor expressly waives notice of acceptance of this guarantee by the administrative authority or by the [insert "permit holder" or "applicant"]. Guarantor expressly waives notice of amendments or modifications of the closure and/or post-closure plan and of amendments or modifications of the facility permit(s).

I hereby certify that the wording of this guarantee is identical to the wording specified in LAC 33:IX.7307.B.8.i, effective on the date first above written.

Effective date:_____

[Name of Guarantor]
[Authorized signature for guarantor]
[Typed name and title of person signing]
Thus sworn and signed before me this [date].

_____
Notary Public

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(1)(c), (B)(3), and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:818 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of Environmental Assessment, LR 30:2028 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2519 (October 2005), LR 33:2409 (November 2007).

§7397. Procedure to Determine the Annual Whole Biosolids Application Rate (AWBAR)—Appendix K [Formerly §7131]

A. LAC 33:IX.7303.E.1.d.ii requires that the product of the concentration for each pollutant listed in Table 4 of LAC 33:IX.7303.E in biosolids sold or given away in a bag or other container for application to the land and the annual whole biosolids application rate (AWBAR) not cause the annual pollutant loading rate for the pollutant in Table 4 of LAC 33:IX.7303.E to be exceeded. This Appendix contains the procedure used to determine the AWBAR for a sewage sludge that does not cause the annual pollutant loading rates in Table 4 of LAC 33:IX.7303.E to be exceeded.

B. The relationship between the annual pollutant loading rate (APLR) for a pollutant and the AWBAR is shown in Equation (1).

Equation (1)

$$APLR = C \text{ x } AWBAR \text{ x } 0.001$$

where:

APLR = annual pollutant loading rate in kilograms per hectare per 365-day period
C = pollutant concentration in milligrams per kilogram of total solids (dry weight basis)
AWBAR = annual whole biosolids application rate in metric tons per hectare per 365-day period (dry weight basis)
0.001 = a conversion factor

C. To determine the AWBAR, Equation (1) is rearranged into Equation (2).

Equation (2)

$$AWBAR = \frac{APLR}{C \times 0.001}$$

D. The procedure used to determine the AWBAR is presented below.

1. Analyze a sample of the biosolids to determine the concentration for each of the pollutants listed in Table 4 of LAC 33:IX.7303.E in the biosolids.

2. Using the pollutant concentrations from Step 1 and the APLRs from Table 4 of LAC 33:IX.7303.E, calculate an AWBAR for each pollutant using Equation (2) above.

3. The AWBAR for the biosolids is the lowest AWBAR calculated in Step 2.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(1)(c), (B)(3), and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:817 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2417 (November 2007).

§7399. Pathogen Treatment Processes—Appendix L [Formerly §7133]

A. Processes to Significantly Reduce Pathogens (PSRP)

1. Aerobic Digestion. Sewage sludge is agitated with air or oxygen to maintain aerobic conditions for a specific mean cell residence time at a specific temperature. Values for the mean cell residence time and temperature shall be between 40 days at 20°C and 60 days at 15°C.

2. Air Drying. Sewage sludge is dried on sand beds or on paved or unpaved basins. The sewage sludge dries for a minimum of three months. During two of the three months, the ambient average daily temperature is above 0°C.

3. Anaerobic Digestion. Sewage sludge is treated in the absence of air for a specific mean cell residence time at a specific temperature. Values for the mean cell residence time and temperature shall be between 15 days at 35°to 55°C and 60 days at 20°C.

4. Composting. Using either the within-vessel, static aerated pile, or windrow composting methods, the temperature of the sewage sludge is raised to 40°C or higher and remains at 40°C or higher for five days. For four hours during the five days, the temperature in the compost pile exceeds 55°C.

5. Lime Stabilization. Sufficient lime is added to the sewage sludge to raise the pH of the sewage sludge to 12 after two hours of contact.

B. Processes to Further Reduce Pathogens (PFRP)

1. Composting. Using either the within-vessel composting method or the static aerated pile composting method, the temperature of the sewage sludge is maintained at 55°C or higher for three days. Using the windrow composting method, the temperature of the sewage sludge is maintained at 55°C or higher for 15 days or longer. During the period when the compost is maintained at 55°C or higher, there shall be a minimum of five turnings of the windrow.

2. Heat Drying. Sewage sludge is dried by direct or indirect contact with hot gases to reduce the moisture content of the sewage sludge to 10 percent or lower. Either the temperature of the sewage sludge particles exceeds 80°C or the wet bulb temperature of the gas in contact with the

sewage sludge as the sewage sludge leaves the dryer exceeds 80˚C.

3. Heat Treatment. Liquid sewage sludge is heated to a temperature of 180°C or higher for 30 minutes.

4. Thermophilic Aerobic Digestion. Liquid sewage sludge is agitated with air or oxygen to maintain aerobic conditions and the mean cell residence time of the sewage sludge is 10 days at 55° to 60°C.

5. Beta Ray Irradiation. Sewage sludge is irradiated with beta rays from an accelerator at dosages of at least 1.0 megarad at room temperature (approximately 20°C).

6. Gamma Ray Irradiation. Sewage sludge is irradiated with gamma rays from certain isotopes, such as ^{60}Cobalt and ^{137}Cesium, at dosages of at least 1.0 megarad at room temperature (approximately 20°C).

7. Pasteurization. The temperature of the sewage sludge is maintained at 70°C or higher for 30 minutes or longer.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular Section 2074(B)(1)(c), (B)(3), and (B)(4).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 28:817 (April 2002), repromulgated LR 30:233 (February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2417 (November 2007).

Title 33
ENVIRONMENTAL QUALITY
Part XI. Underground Storage Tanks
Chapter 3. Registration Requirements, Standards, and Fee Schedule

§301. Registration Requirements

A. – A.2. ...

3. All existing UST systems previously registered with the department shall be considered to be in compliance with this requirement if the information on file with the department is current and accurate. Maintaining current and accurate information with the department includes notifying the Office of Environmental Assessment of changes in ownership, or of changes in UST system descriptions resulting from upgrading, by filing an amended registration form within 30 days of the change in ownership or in description of the UST system.

B. New UST Systems. Upon the effective date of these regulations, all owners of new *UST systems* (as defined in LAC 33:XI.103) must, at least 30 days before bringing such tanks into use, register them on an *Underground Storage Tank Registration Form* (UST-REG-01). Registration forms shall be filed with the Office of Environmental Assessment. The following registration requirements apply to new UST systems:

B.1. – C. ...

1. Any person who sells a UST system shall so notify the Office of Environmental Assessment in writing within 30 days after the date of the transaction. A person selling a UST must also notify the person acquiring a regulated UST system of the owner's registration obligations under this Section.

2. Any person who acquires a UST system shall submit to the Office of Environmental Assessment an amended registration form within 30 days after the date of acquisition.

3. – 4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 11:1139 (December 1985), amended LR 16:614 (July 1990), LR 17:658 (July 1991), LR 18:727 (July 1992), LR 20:294 (March 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2558 (November 2000), LR 28:475 (March 2002), amended by the Office of Environmental Assessment, LR 31:1066 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2520 (October 2005), repromulgated LR 32:393 (March 2006), amended LR 32:1852 (October 2006), LR 33:2171 (October 2007).

§303. Standards for UST Systems

A. – B.4.b.i.(e). ...

ii. Beginning January 20, 1992, all owners and operators must ensure that the individual exercising supervisory control over *installation-critical junctures* (as defined in LAC 33:XI.1303) of a UST system is certified in accordance with LAC 33:XI.Chapter 13. To demonstrate compliance with Subparagraph B.4.a of this Section, all owners and operators must provide a certification of compliance on the *UST Registration of Technical Requirements Form* (UST-REG-02) within 60 days of the introduction of any regulated substance. Forms shall be filed with the Office of Environmental Assessment.

c. Notification of Installation. The owner and operator must notify the Office of Environmental Assessment in writing at least 30 days before beginning installation of a UST system by:

i. ...

ii. notifying the appropriate regional office of the Office of Environmental Assessment by mail or fax seven days prior to commencing the installation and before commencing any *installation-critical juncture* (as defined in LAC 33:XI:1303);

B.4.c.iii. – C.5. ...

6. Reporting Requirements

a. The owner and operator must notify the Office of Environmental Assessment in writing at least 30 days before beginning a UST system upgrade.

b. An amended registration form (UST-REG-02) must be submitted to the Office of Environmental Assessment within 30 days after the UST system is upgraded. The owner and operator must certify compliance with Subsection C of this Section on the amended registration form (UST-REG-02). Beginning January 20, 1992, the amended registration forms (UST-REG-01 and 02) shall include the name and department-issued certificate number of the individual exercising supervisory control over those steps in the upgrade that involve *repair-critical junctures* or *installation-critical junctures* (as defined in LAC 33:XI.1303) of a UST system.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 11:1139 (December 1985), amended LR 16:614 (July 1990), LR 17:658 (July 1991), LR 18:728 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2558 (November 2000), LR 28:475 (March 2002), amended by the Office of Environmental Assessment, LR 31:1066 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2520 (October 2005), LR 33:2171 (October 2007).

Chapter 5. General Operating Requirements

§507. Repairs Allowed

A. ...

1. Except in emergencies, the owner and operator shall notify the Office of Environmental Assessment in advance of the necessity for conducting a repair to a UST system.

A.2. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2558 (November 2000), amended by the Office of Environmental Assessment, LR 31:1070 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2172 (October 2007).

Chapter 7. Methods of Release Detection and Release Reporting, Investigation, Confirmation, and Response

§701. Methods of Release Detection

A. – A.8.a. ...

b. The release-detection method has been approved by the Office of Environmental Assessment on the basis of a demonstration by the owner and operator that the method can detect a release as effectively as any of the methods allowed in Paragraphs A.3-8 of this Section. In comparing methods, the Office of Environmental Assessment shall consider the size of release that the method can detect and the frequency and reliability with which it can be detected. If the method is approved, the owner and operator must comply with any conditions imposed on its use by the Office of Environmental Assessment.

B. – B.3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, LR 31:1072 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2172 (October 2007).

§703. Requirements for Use of Release Detection Methods

A. – C.2.e.ii. …

iii. obtain approval from the Office of Environmental Assessment to use the alternate release detection method before the installation and operation of the new UST system.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2559 (November 2000), amended by the Office of Environmental Assessment, LR 31:1073 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2172 (October 2007).

§715. Release Response and Corrective Action for UST Systems Containing Petroleum or Hazardous Substances

A. – C.1.f. ...

2. Within 20 days after release confirmation or another reasonable period of time determined by the department in writing, owners and operators must submit a report to the Office of Environmental Assessment summarizing the initial abatement steps taken under Paragraph C.1 of this Section and any resulting information or data.

D. – D.1.e. ...

2. Within 60 days of release confirmation or another reasonable period of time determined by the department in writing, owners and operators must submit the information collected in compliance with Paragraph D.1 of this Section to the Office of Environmental Assessment in a manner that demonstrates its applicability and technical adequacy, or in a format and according to the schedule required by the department.

E. Free Product Removal. At sites where investigations under Subparagraph C.1.f of this Section indicate the presence of free product, owners and operators must remove free product to the maximum extent practicable as determined by the Office of Environmental Assessment, while continuing, as necessary, any actions initiated under Subsections B-D of this Section, or preparing for actions required under Subsections F-G of this Section. To meet the requirements of this Subsection, owners and operators must take the following actions.

1. – 3. ...

4. Unless directed to do otherwise by the department, prepare and submit to the Office of Environmental Assessment, within 45 days after confirming a release, a free product removal report that provides at least the following information:

E.4.a. – G.4. ...

a. notify the Office of Environmental Assessment of their intention to begin cleanup;

G.4.b. – H.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of the Secretary, LR 24:2253 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2559 (November 2000), LR 30:1677 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2172 (October 2007).

Chapter 9. Out-of-Service UST Systems and Closure

§903. Temporary Closure

A. – B.2. ...

3. submit a completed copy of the registration form UST-REG-01 to the Office of Environmental Assessment, indicating the dates the UST system was temporarily closed.

C. ...

D. When a UST system is temporarily closed for more than 24 months, owners and operators shall complete a site assessment in accordance with LAC 33:XI.907. The results of the assessment and documentation of compliance with the temporary closure requirements in Subsection A of this Section must be submitted in duplicate to the Office of Environmental Assessment within 60 days following the end of the 24-month temporary closure period.

E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, LR 31:1074 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2520 (October 2005), LR 33:2173 (October 2007).

§905. Permanent Closure and Changes-in-Service

A. At least 30 days before beginning either permanent closure or a change-in-service under Subsections B, C, and D of this Section, owners and operators must notify the Office of Environmental Assessment of their intent to permanently close or make the change-in-service, unless such action is in response to corrective action.

1. – 1.a. ...

b. notifying the appropriate regional office of the Office of Environmental Assessment by mail or fax at least seven days prior to implementing the removal or change.

A.2. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2560 (November 2000), amended by the Office of Environmental Assessment, LR 31:1074 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2173 (October 2007).

§907. Assessing the Site at Closure or Change-in-Service

A. Before permanent closure or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site, utilizing the procedure approved by the department. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to groundwater, and other factors appropriate for identifying the presence of a release. Results of this assessment must be submitted in duplicate to the Office of Environmental Assessment within 60 days following permanent closure or change in service. The assessment results shall include a site diagram indicating locations where samples were collected and a written statement specifying which USTs have been closed.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 18:728 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2560 (November 2000), amended by the Office of Environmental Assessment, LR 31:1074 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2173 (October 2007).

Chapter 11. Financial Responsibility

§1111. Financial Test of Self-Insurance

A. – C.5.b. ...

D. To demonstrate that it meets the financial test under Subsection B or C of this Section, the chief financial officer of the owner or operator, or guarantor, must sign, within 120 days of the close of each *financial reporting year,* as defined by the 12-month period for which financial statements used to support the financial test are prepared, a letter worded exactly as follows, except that the instructions in brackets are to be replaced by the relevant information and the brackets deleted. To prepare this letter, the owner or operator must use the form required by the department. This form may be obtained from the Office of Environmental Assessment.

LETTER FROM CHIEF FINANCIAL OFFICER

* * *

[See Prior Text in Letter]

E. – F. ...

G. If the owner or operator fails to obtain alternate assurance within 150 days of finding that he or she no longer meets the requirements of the financial test based on the

year-end financial statements, or within 30 days of notification by the administrative authority that he or she no longer meets the requirements of the financial test, the owner or operator must notify the Office of Environmental Assessment of such failure within 10 days.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2560 (November 2000), LR 27:2232 (December 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2521 (October 2005), LR 33:2173 (October 2007).

§1113. Guarantee

A. – A.2. ...

B. Within 120 days of the close of each financial reporting year the guarantor must demonstrate that it meets the financial test criteria of LAC 33:XI.1111 based on year-end financial statements for the latest completed financial reporting year by completing the letter from the chief financial officer described in LAC 33:XI.1111.D and must deliver the letter to the owner or operator. If the guarantor fails to meet the requirements of the financial test at the end of any financial reporting year, within 120 days of the end of that financial reporting year the guarantor shall send by certified mail, before cancellation or nonrenewal of the guarantee, notice to the owner or operator and to the Office of Environmental Assessment. If the Office of Environmental Assessment notifies the guarantor that he no longer meets the requirements of the financial test of LAC 33:XI.1111.B or C and D, the guarantor must notify the owner or operator within 10 days of receiving such notification from the Office of Environmental Assessment. In both cases, the guarantee will terminate no less than 120 days after the date the owner or operator receives the notification, as evidenced by the return receipt. The owner or operator must obtain alternative coverage as specified in LAC 33:XI.1139.C.

C. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2561 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2521 (October 2005), LR 33:2174 (October 2007).

§1123. Trust Fund

A. – C. ...

D. If the value of the trust fund is greater than the required amount of coverage, the owner or operator may submit a written request to the Office of Environmental Assessment for release of the excess.

E. If other financial assurance as specified in this Chapter is substituted for all or part of the trust fund, the owner or operator may submit a written request to the Office of Environmental Assessment for release of the excess.

F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2561 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2521 (October 2005), LR 33:2174 (October 2007).

§1129. Cancellation or Nonrenewal by a Provider of Financial Assurance

A. – A.2. ...

B. If a provider of financial responsibility cancels or fails to renew for reasons other than incapacity of the provider as specified in LAC 33:XI.1131, the owner or operator must obtain alternate coverage as specified in this Section within 60 days after receipt of the notice of termination. If the owner or operator fails to obtain alternate coverage within 60 days after receipt of the notice of termination, the owner or operator must notify the Office of Environmental Assessment of such failure and submit:

1. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2561 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2521 (October 2005), LR 33:2174 (October 2007).

§1131. Reporting by Owner or Operator

A. An owner or operator must submit to the Office of Environmental Assessment the appropriate forms listed in LAC 33:XI.1133.B documenting current evidence of financial responsibility as follows.

A.1. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2562 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2521 (October 2005), LR 33:2174 (October 2007).

§1139. Bankruptcy or Other Incapacity of Owner or Operator or Provider of Financial Assurance

A. Within 10 days after commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), U.S. Code, naming an owner or operator as debtor, the owner or

operator must notify the Office of Environmental Assessment by certified mail of such commencement and submit the appropriate forms listed in LAC 33:XI.1133.B documenting current financial responsibility.

B. – D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2562 (November 2000), amended by the Office of Environmental Assessment, LR 31:1578 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2522 (October 2005), LR 33:2174 (October 2007).

Chapter 12. Requirements for Response Action Contractors who Assess and Remediate Motor Fuel Contaminated Sites Eligible for Cost Reimbursement in Accordance with the Motor Fuels Underground Storage Tank Trust Fund (MFUSTTF)

§1205. Qualifications

A. – B. ...

C. The RAC List will be updated once per quarter to include applicants who have met the requirements of this Section. All new applications or annual updates shall be submitted to the Office of Management and Finance by 4:30 p.m. on or before the fifteenth day of March, June, September, and December.

D. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2194(C) and 2195.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:523 (April 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2522 (October 2005), LR 33:2174 (October 2007).

§1209. Suspension/Revocation from RAC Listing

A. – D.1.b. ...

c. unless the RAC, within 30 days after receipt of the notice, submits a request for an informal hearing before the board, the department shall recommend to the administrative authority that the RAC's listing be suspended or revoked. The request for informal hearing shall be submitted to the Office of Management and Finance. A written statement giving the RAC's view of the circumstances shall accompany the request for hearing.

D.2. – F.5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2194(C) and 2195.10.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 27:524 (April 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2175 (October 2007).

Chapter 13. Certification Requirements for Persons Who Install, Repair, or Close Underground Storage Tank Systems

§1305. Categories of Certification and Requirements for Issuance and Renewal of Certificates

A. – A.2. ...

B. Requirements for Certification Examination

1. To qualify for an examination, a person need not be a resident of Louisiana. A person must provide, to the Office of Environmental Assessment, payment of the examination fee and meet the following requirements to be eligible for a UST certification examination.

B.1.a. – E. ...

F. Expiration and Renewal of Certificates

1. All UST certificates and certificate renewals shall expire December 31 of every second year. Applications for certificate renewal and payment of the renewal fee should be submitted to the Office of Environmental Assessment by November 1 of each year they expire. A person whose certificate has expired prior to his or her submission of evidence of compliance with Paragraph F.2 of this Section shall be considered a new applicant for certification.

F.2. – G.2. ...

H. Changes in Employment. It is incumbent upon a certified person to provide written notification to the Office of Environmental Assessment within 20 days after his or her knowledge of a change in employment.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 16:614 (July 1990), amended LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2562 (November 2000), LR 29:691 (May 2003), LR 29:2052 (October 2003), amended by the Office of Environmental Assessment, LR 30:2804 (December 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2522 (October 2005), LR 33:2175 (October 2007).

§1309. Approval of Continuing Training Courses

A. No course in continuing education submitted to the Office of Environmental Assessment will be considered for approval unless the course:

1. – 2. ...

B. Applications for approval of specific training programs shall be submitted to the Office of Environmental Assessment in writing. Such submissions shall contain a complete course outline; training material; sample

certificates; methodology for verifying attendance; date, time, and location of the course; the name of the offering organization; the credentials of the instructors; and a certification that the technology or methods that will be presented in the training program will satisfy department rules, and state and federal laws governing UST system installation, repair, or closure.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Underground Storage Tank Division, LR 17:658 (July 1991), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2562 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2522 (October 2005), LR 33:2175 (October 2007).

Title 33
ENVIRONMENTAL QUALITY
Part XV. Radiation Protection
Chapter 1. General Provisions

§102. Definitions and Abbreviations

As used in these regulations, these terms have the definitions set forth below. Additional definitions used only in a certain chapter may be found in that chapter.

* * *

SPOC—the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC).

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 19:1421 (November 1993), LR 20:650 (June 1994), LR 22:967 (October 1996), LR 24:2089 (November 1998), repromulgated LR 24:2242 (December 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2563 (November 2000), LR 26:2767 (December 2000), LR 30:1171, 1188 (June 2004), amended by the Office of Environmental Assessment, LR 31:44 (January 2005), LR 31:1064 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 32:811 (May 2006), LR 32:1853 (October 2006), LR 33:1016 (June 2007), LR 33:2175 (October 2007).

Chapter 2. Registration of Radiation Machines and Facilities

§204. Application for Registration of Radiation Machines and Facilities

A. ...

1. apply for registration of such facility and each radiation machine with the Office of Environmental Compliance prior to the operation of a radiation machine facility. Application for registration shall be completed on Form DRC-6 furnished by the department upon request in writing and shall contain all the information required by the form and accompanying instructions. The registration of the first radiation producing machine at a facility constitutes registration of the facility itself;

2. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2565 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2523 (October 2005), LR 33:2175 (October 2007).

§205. Application for Registration of Servicing and Services

A. Each person who is engaged in the business of installing or offering to install radiation machines or is engaged in the business of furnishing or offering to furnish radiation machine servicing or services in this state shall apply for registration of such services with the Office of Environmental Compliance within 30 days after the effective date of this Chapter or thereafter prior to furnishing or offering to furnish any such services.

B. Application for registration shall be completed on Form DRC-22 furnished by the Office of Environmental Compliance upon request in writing and shall contain all information required by the form and accompanying instructions.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2565 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2523 (October 2005), LR 33:2176 (October 2007).

§209. Report of Changes

A. The registrant shall notify the Office of Environmental Compliance in writing before making any change that would render the information contained in the application for registration and/or registration certificate no longer accurate.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2566 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2523 (October 2005), LR 33:2176 (October 2007).

§211. Assembler and/or Transferor Obligation

A. Any person who sells, leases, transfers, lends, disposes, assembles, or installs radiation machines in this state shall notify the Office of Environmental Compliance at 15-day intervals of:

A.1. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421

(November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2566 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2523 (October 2005), LR 33:2176 (October 2007).

§212. Reciprocal Recognition of Out-of-State Radiation Machines

A. ...

1. the person proposing to bring such machine into the state shall give written notice to the Office of Environmental Compliance at least three working days before such machine is to be used in the state. Additional requirements for work involving industrial radiography at temporary job sites may be found in LAC 33:XV.Chapter 5. The notice shall include:

a. – c. ...

2. if, for a specific case, the three-working-day period would impose an undue hardship on the person, upon written application to the Office of Environmental Compliance permission to proceed sooner may be granted.

B. – B.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2566 (November 2000), LR 29:1815 (September 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2523 (October 2005), LR 33:2176 (October 2007).

§213. Modification, Revocation, and Termination of Registration Certificate

A. – C. ...

D. The department will terminate a registration certificate upon written request by the registrant, provided the registrant no longer possesses the registered device or provided the registrant has rendered the unit permanently incapable of producing radiation. The registrant shall notify the Office of Environmental Compliance within 60 days of the final disposition of the X-ray machine.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2566 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2524 (October 2005), LR 33:2176 (October 2007).

Chapter 3. Licensing of Radioactive Material

Subchapter B. Licenses

§320. Types of Licenses

A. ...

1. General licenses provided in this Chapter are effective without the filing of application with the Office of Environmental Compliance or the issuance of licensing documents to the particular persons, although the filing of certain information with the Office of Environmental Compliance may be required by the particular general license. The general licensee is subject to all other applicable portions of these regulations and to any limitations of the general license.

2. Specific licenses require the submission of an application to the Office of Environmental Compliance and the issuance of a licensing document by the administrative authority. The licensee is subject to all applicable portions of these regulations as well as to any limitations specified in the licensing document. The licensee shall notify the Office of Environmental Compliance in writing before making any change that would render the information contained in the application for license no longer accurate.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2566 (November 2000), LR 29:1816 (September 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2524 (October 2005), LR 33:2176 (October 2007).

Subchapter C. General Licenses

§321. General Licenses: Source Material

A. – E.2. ...

3. Depleted Uranium

a. Persons who receive, acquire, possess, or use depleted uranium pursuant to the general license established by Paragraph E.1 of this Section shall file Form DRC-21, "General License Certificate—Use of Depleted Uranium Under General License," with the Office of Environmental Compliance. Form DRC-21 will be furnished by the Office of Environmental Compliance upon written request. The form shall be submitted within 30 days after the first receipt or acquisition of such depleted uranium. The general licensee shall furnish on Form DRC-21 the following information and such other information as may be required by that form:

i. – iii. ...

b. The licensee possessing or using depleted uranium under the general license established by Paragraph

E.1 of this Section shall report in writing to the Office of Environmental Compliance any changes in information furnished by him in Form DRC-21, "General License Certificate—Use of Depleted Uranium Under General License." The report shall be submitted within 30 days after the effective date of such change.

4. – 4.c. ...

d. within 30 days of any transfer, shall report in writing to the Office of Environmental Compliance the name and address of the person receiving the depleted uranium pursuant to such transfer; and

4.e. – 5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2567 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2524 (October 2005), LR 33:2177 (October 2007).

§322. General Licenses: Radioactive Material Other Than Source Material

A. – D.3.d. ...

e. upon the occurrence of a failure of or damage to, or any indication of a possible failure of or damage to, the shielding of the radioactive material or the on-off mechanism or indicator, or upon the detection of 0.005 microcurie or more of removable radioactive material, immediately suspend operation of the device until it has been repaired by the manufacturer or other person holding an applicable specific license from the administrative authority, the U.S. Nuclear Regulatory Commission, or any other agreement state or licensing state to repair such devices, or disposed of by transfer to a person authorized by an applicable specific license to receive the radioactive material contained in the device and, within 30 days, furnish to the Office of Environmental Compliance a report containing a brief description of the event and the remedial action taken;

f. ...

g. except as provided in Subparagraph D.3.h of this Section, transfer or dispose of the device containing radioactive material only by export as provided in 10 CFR Part 110 or by transfer to a specific licensee of the department, the U.S. Nuclear Regulatory Commission, or any other agreement state or licensing state whose specific license authorizes him or her to receive the device and, within 30 days after transfer of a device to a specific licensee, except when the device is transferred to the specific licensee in order to obtain a replacement device, shall furnish to the Office of Environmental Compliance a report containing:

g.i. – h. ...

i. where the device remains in use at a particular location. In such case the transferor shall give the transferee a copy of this regulation and any safety documents identified in the label on the device and, within 30 days of the transfer, report to the Office of Environmental Compliance the manufacturer's (or the initial transferor's) name; the model number and serial number of the device transferred; the name, mailing address for the location of use, and license number of the transferee; the date of the transfer; and the name and/or position of an individual who may constitute a point of contact between the department and the transferee; or

h.ii. – l. ...

i. annual registration with the Office of Environmental Compliance shall include payment of the fee required by LAC 33:XV.2505. Registration must be done by verifying, correcting, and/or adding to the information provided in a request for registration received from the department. The registration information must be submitted to the department within 30 days of the date of the request for registration or as otherwise indicated in the request;

ii. – iii. ...

m. report changes to the mailing address for the location of use (including change in the name of the general licensee) to the Office of Environmental Compliance within 30 days of the effective date of the change. For a portable device, a report of address change is only required for a change in the device's primary place of storage;

D.3.n. – J.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2567 (November 2000), LR 27:1226 (August 2001), LR 30:1663 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2524 (October 2005), LR 32:811 (May 2006), LR 33:448 (March 2007), LR 33:2177 (October 2007).

Subchapter D. Specific Licenses

§324. Filing Application for Specific Licenses

A. Applications for specific licenses shall be filed on a form prescribed by the Office of Environmental Compliance or in any other manner specified by the department.

B. – J.13. ...

K. The licensee shall allow the off-site response organizations expected to respond in case of accident 60 days to comment on the licensee's emergency plan before submitting it to the Office of Environmental Compliance. The licensee shall provide any comments received within the 60 days to the Office of Environmental Compliance with the emergency plan.

[1]These reporting requirements do not supersede or release licensees of complying with requirements under the Emergency Planning and Community Right-to-Know Act of 1986, Title III, Pub. L. 99-499 or other state or federal reporting requirements.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 20:179 (February 1994), amended by the Office of the Secretary, LR 22:345 (May 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2567 (November 2000), LR 27:1227 (August 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2525 (October 2005), LR 33:2178 (October 2007).

§325. General Requirements for the Issuance of Specific Licenses

A. – D.3.a. ...

b. submit a certification that financial assurance for decommissioning has been provided in the amount prescribed by Paragraph D.5 of this Section using one of the methods described in Paragraph D.7 of this Section. For an applicant, this certification may state that the appropriate assurance will be obtained after the application has been approved and the license issued, but prior to the receipt of licensed material. If the applicant defers execution of the financial instrument until after the license has been issued, a signed original of the financial instrument obtained to satisfy the requirements of Paragraph D.7 of this Section shall be submitted to the Office of Environmental Compliance before receipt of licensed material. If the applicant does not defer execution of the financial instrument, the applicant shall submit to the Office of Environmental Compliance, as part of the certification, a signed original of the financial instrument obtained to satisfy the requirements of Paragraph D.7 of this Section.

4. – 7.b. ...

i. The surety method or insurance must be open-ended or, if written for a specified term, such as five years, must be renewed automatically unless 90 days or more prior to the renewal date, the issuer notifies the Office of Environmental Compliance, the beneficiary, and the licensee of its intention not to renew. The surety method or insurance must also provide that the full face amount be paid to the beneficiary automatically prior to the expiration without proof of forfeiture if the licensee fails to provide a replacement acceptable to the department within 30 days after receipt of notification of cancellation.

7.b.ii. – 8.d.iv. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 23:1140 (September 1997), LR 24:2091 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1017 (May 2000), LR 26:2568 (November 2000), LR 27:1227 (August 2001), amended by the Office of Environmental Assessment, LR 31:44 (January 2005), LR 31:1578 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2178 (October 2007).

§326. Special Requirements for Issuance of Certain Specific Licenses for Radioactive Material

A. – E.1. ...

a. The applicant will have an adequate program for training radiographers and submits to the Office of Environmental Compliance a schedule or description of such program that specifies the:

i. – iv. ...

b. The applicant has established and submits to the Office of Environmental Compliance satisfactory written operating and emergency procedures as described in LAC 33:XV.576.

c. ...

d. The applicant submits to the Office of Environmental Compliance a description of his or her overall organizational structure pertaining to the industrial radiography program, including specified delegations of authority and responsibility for operation of the program.

e. The applicant who desires to conduct his or her own leak tests of sealed sources or exposure devices containing depleted uranium (DU) shielding has established adequate procedures to be followed in testing for possible leakage and contamination and submits to the Office of Environmental Compliance a description of such procedures including:

e.i. – k. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 24:2092 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2569 (November 2000), LR 27:1228 (August 2001), LR 30:1188 (June 2004), amended by the Office of Environmental Assessment, LR 31:45 (January 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2525 (October 2005), LR 33:2178 (October 2007).

§328. Special Requirements for Specific License to Manufacture, Assemble, Repair, or Distribute Commodities, Products, or Devices that Contain Radioactive Material

A. – A.1. ...

a. the applicant submits to the Office of Environmental Compliance a description of the product or material into which the radioactive material will be introduced, the intended use of the radioactive material, and the product or material into which it is introduced, method of

introduction, initial concentration of the radioactive material in the product or material, control methods to ensure that no more than the specified concentration is introduced into the product or material, estimated time interval between introduction and transfer of the product or material, and estimated concentration of the radioactive material in the product or material at the time of transfer;

b. ...

2. Each person licensed under this Subsection shall file an annual report with the Office of Environmental Compliance that shall identify the type and quantity of each product or material into which radioactive material has been introduced during the reporting period; name and address of the person who owned or possessed the product or material into which radioactive material has been introduced, at the time of introduction; the type and quantity of radionuclide introduced into each such product or material; and the initial concentrations of the radionuclide in the product or material at time of transfer of the radioactive material by the licensee. If no transfers of radioactive material have been made pursuant to this Subsection during the reporting period, the report shall so indicate. The report shall cover the year ending June 30 and shall be filed within 30 calendar days thereafter.

B. – B.1.a.ii. ...

iii. the applicant submits copies of prototype labels and brochures, and the Office of Environmental Compliance approves such labels and brochures.

b. – b.iv.(c). ...

c. Each person licensed under this Subsection shall maintain records identifying, by name and address, each person to whom radioactive material is transferred for use under LAC 33:XV.304.B or the equivalent regulations of the licensing state and stating the kinds and quantities of radioactive material transferred. An annual summary report stating the total quantity of each radionuclide transferred under the specific license shall be filed with the Office of Environmental Compliance. Each report shall cover the year ending June 30 and shall be filed within 30 calendar days thereafter. If no transfers of radioactive material have been made pursuant to this Subsection during the reporting period, the report shall so indicate.

C. – D.1.a. ...

b. The applicant submits to the Office of Environmental Compliance sufficient information relating to the design, manufacture, prototype testing, quality control, labels, proposed uses, installation, servicing, leak testing, operating and safety instructions, and potential hazards of the device to provide reasonable assurance of the following.

1.b.i. – 4.a. ...

b. Report all transfers of devices to persons for use under the general license in LAC 33:XV.322.D.1 and all receipts of devices from persons licensed under LAC 33:XV.322.D.1 to the Office of Environmental Compliance. The report must be submitted on a quarterly basis on a RAD-41 Form or in a clear and legible report containing all of the data required by the form.

b.i. – d. ...

e. Report to the Office of Environmental Compliance all transfers of such devices to persons for use under the general license in LAC 33:XV.322.D. Such reports must be maintained for a period of three years following the date of the recorded event and shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the department and the general licensee, the type and model number of device transferred, and the quantity and type of radioactive material contained in the device. If one or more intermediate persons will temporarily possess the device at the intended place of use prior to its possession by the user, the report shall include identification of each intermediate person by name, address, contact, and relationship to the intended user. If no transfers have been made to persons generally licensed under LAC 33:XV.322.D during the reporting period, the report shall so indicate. The report shall cover each calendar quarter and shall be filed within 30 days thereafter.

D.4.f. – J.1.a. ...

b. the applicant submits to the Office of Environmental Compliance evidence that the applicant is at least one of the following:

i. – iv. ...

c. the applicant submits to the Office of Environmental Compliance information on the radionuclide, chemical and physical form, packaging including maximum activity per package, and shielding provided by the radioactive material that is appropriate for safe handling and storage of radiopharmaceuticals by group licensees; and

1.d. – 2.d. ...

e. shall provide to the Office of Environmental Compliance a copy of each individual's certification by the Board Of Pharmaceutical Specialties and the department, licensing state, Nuclear Regulatory Commission, or agreement state license or the permit issued by a licensee of broad scope and a copy of the state pharmacy licensure or registration, no later than 30 days after the date that the licensee allows the individual to work as an authorized nuclear pharmacist, in accordance with Clauses J.2.b.i and iii of this Section.

J.3. – L.1.a. ...

b. The applicant submits to the Office of Environmental Compliance sufficient information regarding each type of source or device pertinent to an evaluation of its radiation safety, including:

L.1.b.i. – M.1.a. ...

b. the applicant submits to the Office of Environmental Compliance sufficient information relating to the design, manufacture, prototype testing, quality control procedures, labeling or marking, proposed uses, and

potential hazards of the industrial product or device to provide reasonable assurance that possession, use, or transfer of the depleted uranium in the product or device is not likely to cause any individual to receive in any period of one calendar quarter a radiation dose in excess of 10 percent of the limits specified in LAC 33:XV.410.A; and

c. the applicant submits to the Office of Environmental Compliance sufficient information regarding the industrial product or device and the presence of depleted uranium for a mass-volume application in the product or device to provide reasonable assurance that unique benefits will accrue to the public because of the usefulness of the product or device.

2. – 4.d.ii. ...

e. report to the Office of Environmental Compliance all transfers of industrial products or devices to persons for use under the general license in LAC 33:XV.321.E. Such report shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the department and the general licensee, the type and model number of device transferred, and the quantity of depleted uranium contained in the product or device. The report shall be submitted within 30 days after the end of each calendar quarter in which such a product or device is transferred to the generally licensed person. If no transfers have been made to persons generally licensed under LAC 33:XV.321.E during the reporting period, the report shall so indicate;

f. – g. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 24:2092 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2569 (November 2000), LR 26:2768 (December 2000), LR 27:1228 (August 2001), LR 30:1664 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2526 (October 2005), LR 33:2179 (October 2007).

§331. Specific Terms and Conditions of Licenses

A. – C. ...

D. Each licensee shall notify the Office of Environmental Compliance in writing when the licensee decides to permanently discontinue all activities involving materials authorized under the license. This notification requirement applies to all specific licenses issued under this Chapter.

E. Each licensee shall notify the Office of Environmental Compliance in writing immediately following the filing of a voluntary or involuntary petition for bankruptcy under any Chapter of Title 11 (Bankruptcy) of the *United States Code* by or against:

E.1. – F. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2571 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2527 (October 2005), LR 33:2180 (October 2007).

§332. Expiration and Termination of Licenses and Decommissioning of Sites and Separate Buildings or Outdoor Areas

A. ...

B. Each licensee shall notify the Office of Environmental Compliance immediately, in writing, and request termination of the license when the licensee decides to terminate all activities involving radioactive material authorized under the license. This notification and request for termination of the license must include the reports and information specified in Subparagraph D.1.e of this Section.

C. – C.1. ...

2. notify the Office of Environmental Compliance, in writing, if the licensee decides not to renew the license.

D. – D.1.c. ...

d. submit a completed form to the Office of Environmental Compliance that certifies information concerning the disposition of materials; and

e. submit a radiation survey report to the Office of Environmental Compliance to confirm the absence of radioactive material or to establish the levels of residual radioactive contamination, unless the licensee demonstrates the absence of residual radioactive contamination in some other manner. The licensee shall, as appropriate:

1.e.i. – 5.c.ii.(b). ...

6. Timeliness of Decommissioning

a. Within 60 days of the occurrence of any of the following, each licensee shall provide notification to the Office of Environmental Compliance in writing of such occurrence and either begin decommissioning its site, or any separate building or outdoor area that contains residual radioactivity, so that the building or outdoor area is suitable for release for unrestricted use, or submit within 12 months of notification a decommissioning plan, if required by Paragraph D.2 of this Section, and begin decommissioning upon approval of that plan if:

D.6.a.i. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 24:2094 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2571 (November 2000), LR 26:2768 (December

2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2527 (October 2005), LR 33:2180 (October 2007).

§361. Registration of Product Information

A. ...

B. The request for review must be sent by an appropriate method to the Office of Environmental Compliance.

C. – G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, LR 31:45 (January 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2528 (October 2005), LR 33:1017 (June 2007), LR 33:2180 (October 2007).

Subchapter E. Reciprocity

§390. Reciprocal Recognition of Licenses

A. – A.1. ...

2. For each separate location in Louisiana, the out-of-state licensee notifies the Office of Environmental Compliance in writing at least three working or business days prior to engaging in such activity. Such notification shall indicate the location, period, and type of proposed possession and use within the state and shall be accompanied by a copy of the pertinent licensing document. If, for a specific case, the three working or business day period would impose an undue hardship on the out-of-state licensee, he or she may, upon written application to the Office of Environmental Compliance obtain permission to proceed sooner. The department may waive the requirement for filing additional written notifications following the receipt of the initial written notification from a person engaging in activities under the general license provided in this Subsection.

3. – 5. ...

6. Any out-of-state licensee who establishes a permanent office in Louisiana shall notify the Office of Environmental Compliance within 10 calendar days of establishing such office and shall, upon direction by the department and within 30 calendar days, make application for a radioactive material license in accordance with LAC 33:XV.326.E.

A.7. – B. ...

1. Such person shall file a report with the Office of Environmental Compliance within 30 calendar days after the end of each calendar quarter in which any device is transferred to or installed in this state. Each such report shall identify each general licensee to whom such device is transferred by name and address, the type of device transferred, and the quantity and type of radioactive material contained in the device.

B.2. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2574 (November 2000), LR 26:2768 (December 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2528 (October 2005), LR 33:2181 (October 2007).

Subchapter Z. Appendices

§399. Schedules A and B, and Appendices A, B, C, D, E, F, and G

Schedule A. – Appendix A. ...

Appendix B

Criteria Relating to Use of Financial Tests and Parent Company Guarantees for Providing Reasonable Assurance of Funds for Decommissioning

An applicant or licensee may provide reasonable assurance of the availability of funds for decommissioning based on obtaining a parent company guarantee that funds will be available for decommissioning costs and on a demonstration that the parent company passes a financial test. This Appendix establishes criteria for passing the financial test and for obtaining the parent company guarantee.

A. – A.2.c. ...

B. The parent company's independent certified public accountant must have compared the data used by the parent company in the financial test, which is derived from the independently audited, year-end financial statements for the latest fiscal year, with the amounts in such financial statement. In connection with that procedure the licensee shall inform the Office of Environmental Compliance within 90 days of any matters coming to the auditor's attention which cause the auditor to believe that the data specified in the financial test should be adjusted and that the company no longer passes the test.

C. ...

D. If the parent company no longer meets the requirements of Subsection A of this Appendix, the licensee must send notice to the Office of Environmental Compliance of intent to establish alternate financial assurance as specified in these regulations. The notice must be sent by certified mail within 90 days after the end of the fiscal year for which the year-end financial data show that the parent company no longer meets the financial test requirements. The licensee must provide alternate financial assurance within 120 days after the end of such fiscal year.

E. ...

1. the parent company guarantee will remain in force unless the guarantor sends notice of cancellation by certified mail to the licensee and the Office of Environmental Compliance. Cancellation may not occur, however, during the 120 days beginning on the date of receipt of the notice of

cancellation by both the licensee and the department, as evidenced by the return receipt;

2. – 4. ...

Appendix C. – Appendix G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 20:180 (February 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2574 (November 2000), LR 27:1228 (August 2001), amended by the Office of Environmental Assessment, LR 31:46 (January 2005), LR 31:1580 (July 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2528 (October 2005), LR 32:820 (May 2006), LR 32:1853 (October 2006), LR 33:449 (March 2007), LR 33:1017 (June 2007), LR 33:2181 (October 2007).

Chapter 4. Standards for Protection against Radiation

Subchapter C. Surveys and Monitoring

§430. General

A. – C.1.b. ...

2. Dosimetry reports received from the processor must be recorded and maintained indefinitely or until the Office of Environmental Compliance terminates the license.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended LR 20:653 (June 1994), LR 22:971 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 29:1468 (August 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2529 (October 2005), LR 33:2181 (October 2007).

Subchapter D. Control of Exposure From External Sources in Restricted Areas

§436. Control of Access to High Radiation Areas

A. – B. ...

C. The licensee or registrant may apply to the Office of Environmental Compliance for approval of alternative methods for controlling access to high radiation areas.

D. – G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2576 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2529 (October 2005), LR 33:2182 (October 2007).

§438. Control of Access to Very High Radiation Areas - Irradiators

A. – B.9.b. ...

c. the licensee or registrant shall submit to the Office of Environmental Compliance and adhere to a schedule for periodic tests of the entry control and warning systems;

10. – 11. ...

C. Licensees, registrants, or applicants for licenses or registrations for sources of radiation within the purview of Subsection B of this Section that will be used in a variety of positions or in locations, such as open fields or forests, that make it impracticable to comply with certain requirements of Subsection B of this Section, such as those for the automatic control of radiation levels, may apply to the Office of Environmental Compliance for approval of alternative safety measures. Alternative safety measures shall provide personnel protection at least equivalent to those specified in Subsection B of this Section. At least one of the alternative measures shall include an entry-preventing interlock control based on a measurement of the radiation that ensures the absence of high radiation levels before an individual can gain access to the area where such sources of radiation are used.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2576 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2529 (October 2005), LR 33:2182 (October 2007).

Subchapter E. Respiratory Protection and Controls to Restrict Internal Exposure in Restricted Areas

§442. Use of Individual Respiratory Protection Equipment

A. – A.1. ...

2. the licensee or registrant may use equipment that has not been tested or certified by NIOSH/MSHA, has not had certification extended by NIOSH/MSHA, or for which there is no schedule for testing or certification, provided the licensee or registrant has submitted to the Office of Environmental Compliance and the Office of Environmental

Compliance has approved an application for authorized use of that equipment, including a demonstration by testing, or a demonstration on the basis of test information, that the material and performance characteristics of the equipment are capable of providing the proposed degree of protection under anticipated conditions of use;

A.3. – B.1. ...

2. the licensee or registrant shall obtain authorization from the Office of Environmental Compliance before assigning respiratory protection factors in excess of those specified in LAC 33:XV.499.Appendix A. The department may authorize a licensee or registrant to use higher protection factors on receipt of an application that:

B.2.a. – C. ...

D. The licensee or registrant shall notify the Office of Environmental Compliance in writing at least 30 days before the date that respiratory protection equipment is first used pursuant to either Subsection A or B of this Section.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), LR 22:972 (October 1996), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2577 (November 2000), LR 29:1469 (August 2003), LR 30:1666 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2529 (October 2005), LR 32:812 (May 2006), LR 33:2182 (October 2007).

Subchapter H. Waste Disposal

§461. Method for Obtaining Approval of Proposed Disposal Procedures

A. A licensee or registrant or applicant for a license or registration may apply to the Office of Environmental Compliance for approval of proposed procedures, not otherwise authorized in these regulations, to dispose of licensed or registered sources of radiation generated in the licensee's or registrant's operations. Each application shall include:

1. – 4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2577 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2529 (October 2005), LR 33:2182 (October 2007).

Subchapter J. Reports

§488. Reports of Planned Special Exposures

A. The licensee or registrant shall submit a written report to the Office of Environmental Compliance within 30 days following any planned special exposure conducted in accordance with LAC 33:XV.415, informing the department that a planned special exposure was conducted and indicating the date the planned special exposure occurred and the information required by LAC 33:XV.475.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2579 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2530 (October 2005), LR 33:2183 (October 2007).

§490. Reports of Individual Monitoring

A. – A.3, Footnote [a]. ...

B. Each licensee or registrant in a category listed in Subsection A of this Section shall submit to the Office of Environmental Compliance an annual report of the results of individual monitoring carried out by the licensee or registrant for each individual for whom monitoring was required by LAC 33:XV.431 during that year. The licensee or registrant may include additional data for individuals for whom monitoring was provided but not required. The licensee or registrant shall use department Form DRC-5 or equivalent or electronic media containing all the information required by department Form DRC-5.

C. The licensee or registrant shall file the report required by Subsection B of this Section, covering the preceding year, on or before April 30 of each year. The licensee or registrant shall submit the report to the Office of Environmental Compliance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2579 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2530 (October 2005), LR 33:2183 (October 2007).

§493. Reports of Transactions Involving Nationally Tracked Sources

A. Each licensee who manufactures, transfers, receives, disassembles, or disposes of a nationally tracked source shall complete and submit a national source tracking transaction report as specified in Subsections B-F of this Section for each type of transaction.

B. Each licensee who manufactures a nationally tracked source shall complete and submit a national source tracking transaction report. The report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the manufacturer, model, and serial number of the source;

4. the radioactive material in the source;

5. the initial source strength in becquerels (curies) at the time of manufacture; and

6. the manufacture date of the source.

C. Each licensee who transfers a nationally tracked source to another licensee shall complete and submit a national source tracking transaction report. The report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the name and license number of the recipient licensee and the shipping address;

4. the manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;

5. the radioactive material in the source;

6. the initial or current source strength in becquerels (curies);

7. the date for which the source strength is reported;

8. the shipping date;

9. the estimated arrival date; and

10. for nationally tracked sources transferred as waste under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the identification of the container with the nationally tracked source.

D. Each licensee who receives a nationally tracked source shall complete and submit a national source tracking transaction report. The report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the name, address, and license number of the licensee who provided the source;

4. the manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;

5. the radioactive material in the source;

6. the initial or current source strength in becquerels (curies);

7. the date for which the source strength is reported;

8. the date of receipt; and

9. for material received under a Uniform Low-Level Radioactive Waste Manifest, the waste manifest number and the identification of the container with the nationally tracked source.

E. Each licensee who disassembles a nationally tracked source shall complete and submit a national source tracking transaction report. The report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the manufacturer, model, and serial number of the source or, if not available, other information to uniquely identify the source;

4. the radioactive material in the source;

5. the initial or current source strength in becquerels (curies);

6. the date for which the source strength is reported; and

7. the disassembly date of the source.

F. Each licensee who disposes of a nationally tracked source shall complete and submit a national source tracking transaction report. The report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the waste manifest number;

4. the identification of the container with the nationally tracked source;

5. the date of disposal; and

6. the method of disposal.

G. The reports specified in Subsections B-F of this Section shall be submitted by the close of the next business day after the transaction. A single report may be submitted for multiple sources and transactions. The reports shall be submitted to the national source tracking system:

1. using the on-line national source tracking system;

2. electronically, using a computer-readable format;

3. by facsimile;

4. by mail, to the address on the National Source Tracking Transaction Report Form (NRC Form 748); or

5. by telephone, with follow-up by facsimile or mail.

H. Each licensee shall correct any error in previously-filed reports or file a new report for any missed transaction within five business days of the discovery of the error or missed transaction. Such errors may be detected by a variety of methods, such as administrative reviews or physical inventories required by regulation. In addition, each licensee shall reconcile the inventory of nationally tracked sources possessed by the licensee against that licensee's data in the national source tracking system. The reconciliation must be conducted during the month of January in each year. The

reconciliation process must include resolving any discrepancies between the national source tracking system and the actual inventory by filing the applicable reports specified in Subsections B-F of this Section. By January 31 of each year, each licensee must submit to the national source tracking system confirmation that the data in the national source tracking system is correct.

I. Each licensee who possesses Category 1 nationally tracked sources shall report the initial inventory of the licensee's Category 1 nationally tracked sources to the national source tracking system by November 15, 2007. Each licensee who possesses Category 2 nationally tracked sources shall report the initial inventory of the licensee's Category 2 nationally tracked sources to the national source tracking system by November 30, 2007. The information may be submitted by using any of the methods specified in Paragraphs G.1-4 of this Section. The initial inventory report must include the following information:

1. the name, address, and license number of the reporting licensee;

2. the name of the individual preparing the report;

3. the manufacturer, model, and serial number of each nationally tracked source or, if not available, other information to uniquely identify the source;

4. the radioactive material in the sealed source;

5. the initial or current source strength in becquerels (curies); and

6. the date for which the source strength is reported.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 33:2361 (November 2007).

Subchapter K. Additional Requirements

§496. Vacating Premises

A. Each specific licensee or registrant shall, no less than 30 days before vacating or relinquishing possession or control of premises that may have been contaminated with radioactive material as a result of his activities, notify the Office of Environmental Compliance in writing of intent to vacate. When deemed necessary by the department, the licensee shall decontaminate the premises in such a manner as the department may specify.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2580 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2530 (October 2005), LR 33:2183 (October 2007).

Subchapter Z. Appendices

§499. Appendices A, B, C, D, E

Appendix A. – Appendix C, Footnote[1]. ...

Appendix D

Requirements for Transfer of Low-Level Radioactive Waste for Disposal at Land Disposal Facilities and Manifests

A. – H.2.g. ...

h. notify the shipper and the Office of Environmental Compliance when any shipment, or part of a shipment, has not arrived within 60 days after receipt of an advance manifest, unless notified by the shipper that the shipment has been canceled.

3. – 3.j. ...

k. notify the shipper and the Office of Environmental Compliance when any shipment, or part of a shipment, has not arrived within 60 days after receipt of an advance manifest, unless notified by the shipper that the shipment has been canceled.

4. – 4.b. ...

c. notify the shipper and the Office of Environmental Compliance when any shipment, or part of a shipment, has not arrived within 60 days after receipt of an advance manifest, unless notified by the shipper that the shipment has been canceled.

5. – 5.a. ...

b. be traced and reported. The investigation shall include tracing the shipment and filing a report with the Office of Environmental Compliance. Each licensee who conducts a trace investigation shall file a written report with the Office of Environmental Compliance within two weeks of completion of the investigation.

Appendix E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular 2104.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), LR 20:653 (June 1994), LR 22:973 (October 1996), LR 24:2096 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2580 (November 2000), LR 28:1012 (May 2002), amended by the Office of Environmental Assessment, LR 31:48 (January 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2530 (October 2005), LR 33:2183 (October 2007).

Chapter 5. Radiation Safety Requirements for Industrial Radiographic Operations

Subchapter B. Personal Radiation Safety Requirements for Radiographers

§575. Training and Testing

A. – A.2.c. ...

d. The current Form DRC-20, available from the department or the department's website, must be submitted to the Office of Environmental Compliance documenting the on-the-job training.

A.3. – B.5. ...

6. The current Form DRC-20, available from the department or the department's website, must be submitted to the Office of Environmental Compliance documenting the on-the-job training, instruction in the subjects outlined in Appendix A in this Chapter, and successful completion of a company-specific written examination.

B.7. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:653 (June 1994), LR 20:999 (September 1994), LR 23:1138 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2583 (November 2000), LR 27:1235 (August 2001), LR 28:1951 (September 2002), LR 29:34 (January 2003), LR 29:1470 (August 2003), amended by the Office of Environmental Assessment, LR 30:2029 (September 2004), LR 31:54 (January 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2531 (October 2005), LR 33:2183 (October 2007).

§577. Personnel Monitoring Control

A. – C. ...

D. Direct reading dosimeters, such as electronic personal dosimeters or pocket dosimeters, shall be read and exposures recorded at least daily with use at the beginning and end of each shift, and records must be maintained for three years or until the Office of Environmental Compliance authorizes their disposition.

E. If an individual's pocket dosimeter is discharged beyond its range (i.e., goes "off-scale"), or an individual's electronic pocket dosimeter reads greater than 2 millisieverts (200 millirems) and the possibility of radiation exposure cannot be ruled out as the cause, industrial radiographic operations by that individual shall cease and the individual's personnel dosimeter shall be sent for processing immediately. The individual shall not return to work with sources of radiation until a determination of the radiation exposure has been made. This determination must be made by the RSO or the RSO's designee. The results of this determination must be recorded and maintained indefinitely or until the Office of Environmental Compliance authorizes their disposition.

F. Records of the pocket dosimeter readings shall be maintained for inspection by the department for three consecutive years. If the dosimeter readings were used to determine external radiation dose, the records shall be maintained indefinitely or until the Office of Environmental Compliance authorizes their disposition.

G. If a personnel dosimeter is lost or damaged, the worker shall cease work immediately until a replacement personnel dosimeter is provided and the exposure is calculated for the time period from issuance to loss or damage of the personnel dosimeter. The results of the calculated exposure and the time period for which the personnel dosimeter was lost or damaged must be recorded and maintained indefinitely or until the Office of Environmental Compliance authorizes their disposition.

H. – H.4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:653 (June 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2583 (November 2000), LR 27:1235 (August 2001), LR 28:1951 (September 2002), LR 29:35 (January 2003), LR 29:1470 (August 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2531 (October 2005), LR 33:2184 (October 2007).

§578. Reciprocity

A. – A.2. ...

3. the applicant presents the certification to the Office of Environmental Compliance prior to entry into Louisiana; and

A.4. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:1000 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2583 (November 2000), LR 29:35 (January 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2531 (October 2005), LR 33:2184 (October 2007).

§579. Identification (I.D.) Cards for Radiographers or Radiographer Trainees

A. – A.3. ...

4. Any individual who wishes to replace his/her I.D. card shall submit to the Office of Environmental Compliance a written request for a replacement I.D. card, stating the reason a replacement I.D. card is needed. A non-refundable fee of $26 shall be paid to the department for each

replacement of an I.D. card. The prescribed fee shall be submitted with the written request for a replacement I.D. card. The individual shall maintain a copy of the request in his/her possession while performing industrial radiographic operations until a replacement I.D. card is received from the department.

B. – E.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 20:1000 (September 1994), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2584 (November 2000), LR 29:36 (January 2003), LR 29:691 (May 2003), LR 29:2053 (October 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2531 (October 2005), LR 33:2184 (October 2007).

Chapter 6. X-Rays in the Healing Arts

§602. Definitions

As used in this Chapter, the following definitions apply. Other definitions applicable to this Chapter may be found in LAC 33:XV.Chapters 1 and 2.

* * *

Half-Value Layer—the thickness of specified material that attenuates the beam of radiation to an extent that the exposure rate is reduced by one half. In this definition, the contribution of all scattered radiation, other than any that might be present initially in the beam concerned, is deemed to be excluded.

* * *

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), LR 23:1139 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2585 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2362 (November 2007).

§603. General and Administrative Requirements

A. – A.10.c. ...

11. Any person proposing to conduct a healing arts screening program shall not initiate such a program without prior approval of the department. When requesting such approval, that person shall submit the information outlined in LAC 33:XV.699.Appendix C to the Office of Environmental Compliance. If any information submitted to the department becomes invalid or outdated, the Office of Environmental Compliance shall be immediately notified. See the definition of *healing arts screening* in LAC 33:XV.602.

A.12. – B.3.g. ...

C. Plans Review

1. Except for dedicated mammography radiographic systems, podiatric radiographic systems, panoramic dental radiographic systems, and intraoral dental radiographic systems, prior to construction, the floor plans and equipment arrangement of all new installations, or modifications of existing installations, utilizing X-rays for diagnostic or therapeutic purposes shall be submitted to the Office of Environmental Compliance for review and approval. The required information is specified in LAC 33:XV.699.Appendices A and B.

2. – 4. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), LR 22:976 (October 1996), LR 23:1139 (September 1997), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2585 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2532 (October 2005), LR 33:2184 (October 2007).

§608. Therapeutic X-Ray Systems of Less Than 1 MeV

A. – C.1.a. ...

b. the registrant or licensee shall obtain a written report of the survey from the qualified expert, and a copy of the report shall be transmitted by the registrant or licensee to the Office of Environmental Compliance within 30 calendar days of receipt of the report; and

1.c. – 3. ...

a. the spot-check procedures shall be in writing and shall have been developed by a qualified expert. A copy of the procedures shall be submitted to the Office of Environmental Compliance prior to their implementation;

3.b. – 4.e. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2586 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2532 (October 2005), LR 33:2185 (October 2007).

Chapter 7. Use of Radionuclides in the Healing Arts

§704. Notifications

A. A licensee shall provide to the Office of Environmental Compliance a copy of the board certification, the Nuclear Regulatory Commission or agreement state

license, or the permit issued by a licensee of broad scope for each individual no later than 30 days after the date that the licensee permits the individual to work as an authorized user, an authorized nuclear pharmacist, or an authorized medical physicist in accordance with LAC 33:XV.703.A.2.

B. A licensee shall notify the Office of Environmental Compliance by letter no later than 30 days after:

1. – 2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended LR 24:2101 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2587 (November 2000), LR 30:1173 (June 2004), amended by the Office of Environmental Assessment, LR 31:1061 (May 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2532 (October 2005), LR 33:2185 (October 2007).

§710. Report and Notification of a Dose to an Embryo/Fetus or a Nursing Child

A. – F. ...

1. annotate a copy of the report provided to SPOC with:

1.a. – 2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Environmental Assessment, Environmental Planning Division, LR 30:1174 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2185 (October 2007).

§719. Requirements for Possession of Sealed Sources and Brachytherapy Sources

A. – E.1. ...

2. file a written report with the Office of Environmental Compliance within five days of receiving the leak test results describing the equipment involved, the test results, and the action taken.

F. – O. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2589 (November 2000), LR 30:1176 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 33:2185 (October 2007).

§737. Safety Precautions

A. – A.6. ...

7. submit to the Office of Environmental Compliance an acceptable procedure to measure the thyroid burden of each individual who helps prepare or administer a dosage of iodine-131. Measurements shall be performed within three days after administering the dosage, and records shall include each thyroid burden measurement, date of measurement, the name of the individual whose thyroid burden was measured, and the initials of the individual who made the measurements. The records shall be retained for the period required by LAC 33:XV.472.B.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended LR 24:2105 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2589 (November 2000), LR 30:1178 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 32:813 (May 2006), LR 33:2185 (October 2007).

§761. Reports of Teletherapy Surveys, Checks, Tests, and Measurements

A. A licensee shall furnish a copy of the records required in LAC 33:XV.758, 759, and 760, and the output from the teletherapy source expressed as rems (sieverts) per hour at 1 meter from the source as determined during the full calibration required in LAC 33:XV.756 to the Office of Environmental Compliance within 30 days following completion of the action that initiated the record requirement.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2590 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 33:2185 (October 2007).

Chapter 8. Radiation Safety Requirements for Analytical X-Ray Equipment

§803. Equipment Requirements

A. Safety Device. A device which prevents the entry of any portion of an individual's body into the primary X-ray beam path or which causes the beam to be shut off upon entry into its path shall be provided on all open-beam configurations. A registrant or licensee may apply to the Office of Environmental Compliance for an exemption from the requirement of a safety device. Such application shall include:

A.1. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental

Assessment, Environmental Planning Division, LR 26:2591 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 33:2186 (October 2007).

Chapter 9. Radiation Safety Requirements for Particle Accelerators

Subchapter B. Radiation Safety Requirements for the Use of Particle Accelerators

§907. Shielding and Safety Design Requirements

A. A qualified expert, specifically accepted in writing by the department, shall be consulted in the design of a particle accelerator installation and shall be called upon to perform a radiation survey when the accelerator is first capable of producing radiation. A copy of the survey shall be submitted to the Office of Environmental Compliance.

B. Plans for construction of new accelerator installations shall be submitted to the Office of Environmental Compliance for approval prior to commencement of construction.

C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2592 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 33:2186 (October 2007).

§911. Radiation Monitoring Requirements

A. ...

B. A radiation protection survey shall be performed, documented, and submitted to the Office of Environmental Compliance by a qualified expert specifically approved in writing by the department when changes have been made in shielding, operation, equipment, or occupancy of adjacent areas.

C. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2592 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2533 (October 2005), LR 33:2186 (October 2007).

Chapter 10. Notices, Instructions, and Reports to Workers; Inspections

§1016. Requests by Workers for Inspections

A. Any worker or representative of workers believing that a violation of the act, LAC 33:XV, or license conditions exists or has occurred in work under a license or registration with regard to radiological working conditions in which the worker is engaged may request an inspection by giving notice of the alleged violation to the Office of Environmental Compliance. Any such notice shall be in writing, shall set forth the specific grounds for the notice, and shall be signed by the worker or representative of the workers. A copy shall be provided to the licensee or registrant by the department no later than at the time of inspection except that, upon the request of the worker giving such notice, such worker's name and the names of individuals referred to therein shall not appear in such copy or on any record published, released, or made available by the department, except for good cause shown.

B. – C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2593 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2534 (October 2005), LR 33:2186 (October 2007).

§1017. Inspections Not Warranted: Informal Review

A. Notification to Complainant and Informal Review

1. If the department determines, with respect to a complaint filed under LAC 33:XV.1016, that an inspection is not warranted because there are no reasonable grounds to believe that a violation exists, is occurring, or has occurred, the department shall notify the complainant in writing of such determination. The complainant may obtain review of such determination by submitting a written statement of position with the administrative authority, who will provide the licensee or registrant with a copy of such statement by certified mail, return receipt requested, excluding, at the request of the complainant, the name of the complainant. The licensee or registrant may submit an opposing written statement of position with the Office of Environmental Compliance, who will provide the complainant with a copy of such statement by certified mail, return receipt requested.

A.2. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 19:1421 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2594

(November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2534 (October 2005), LR 33:2186 (October 2007).

Chapter 11. Radiation Safety Requirements for Radioactive Mineral Tailings and Industrial Byproduct Piles

§1103. Sale or Transfer of the Site

A. The Office of Environmental Compliance shall be given written notice 30 days in advance of any contemplated transfer of right, title or interest in the site by deed, lease or other conveyance. The written notice shall contain the name and address of the proposed purchaser or transferee.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2594 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2534 (October 2005), LR 33:2187 (October 2007).

§1104. Abandonment of the Site

Prior to abandonment of the site, the requirements of this Section shall be fulfilled.

A. – C. ...

D. Detailed plans for compliance with Subsections A, B, and C of this Section shall be submitted to the Office of Environmental Compliance for review and approval.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2594 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2534 (October 2005), LR 33:2187 (October 2007).

Chapter 13. Licensing Requirements for Land Disposal of Radioactive Waste

Subchapter A. General Provisions

§1303. License Required

A. ...

B. Each person shall file an application with the Office of Environmental Compliance pursuant to LAC 33:XV.324 of these regulations and obtain a license as provided in this Chapter before commencement of construction of a land disposal facility. Failure to comply with this requirement may be grounds for denial of a license.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2595 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2534 (October 2005), LR 33:2187 (October 2007).

§1309. Institutional Information

The institutional information submitted to the Office of Environmental Compliance by the applicant shall include:

A. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2595 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2187 (October 2007).

§1314. Contents of Application for Site Closure and Stabilization

A. Prior to final closure of the disposal site, or as otherwise directed by the department, the applicant shall submit an application to the Office of Environmental Compliance to amend the license for closure. This closure application shall include a final revision and specific details of the disposal site closure plan included as part of the license application submitted under LAC 33:XV.1307.G that includes each of the following:

A.1. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2596 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2187 (October 2007).

Subchapter C. Technical Requirements for Land Disposal Facilities

§1325. Land Disposal Facility Operation and Disposal Site Closure

A. – A.11. ...

12. Proposals for disposal of waste that is not generally acceptable for near-surface disposal because the waste form and disposal methods must be different and, in general, more stringent than those specified for Class C waste, may be submitted to the Office of Environmental Compliance for approval.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2596 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2187 (October 2007).

Subchapter D. Financial Assurances

§1331. Funding for Disposal Site Closure and Stabilization

A. – B. ...

C. The licensee's financial or surety arrangement shall be submitted annually for review by the Office of Environmental Compliance to ensure that sufficient funds will be available for completion of the closure plan.

D. ...

E. The financial or surety arrangement shall be written for a specified period of time and shall be automatically renewed unless the person who issues the surety notified the Office of Environmental Compliance, the beneficiary [the site owner], and the principal [the licensee] not less than 90 days prior to the renewal date of its intention not to renew. In such a situation, the licensee must submit a replacement surety within 30 days after notification of cancellation. If the licensee fails to provide a replacement surety acceptable to the department, the beneficiary may collect on the original surety.

F. – H. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2597 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2187 (October 2007).

§1332. Financial Assurances for Institutional Controls

A. Prior to the issuance of the license, the applicant shall provide for Office of Environmental Compliance approval a binding arrangement between the applicant and the disposal site owner that ensures that sufficient funds will be available to cover the costs of monitoring and any required maintenance during the institutional control period. The binding arrangement shall be reviewed annually by the department to ensure that changes in inflation, technology, and disposal facility operations are reflected in the arrangements.

B. Subsequent changes to the binding arrangement specified in Subsection A of this Section relevant to institutional control shall be submitted to the Office of Environmental Compliance for prior approval.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2597 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2188 (October 2007).

Subchapter E. Records, Reports, Tests, and Inspections

§1333. Maintenance of Records, Reports, and Transfers

A. – E. ...

F. Each licensee authorized to dispose of waste received from other persons shall file a copy of its financial report or a certified financial statement annually with the Office of Environmental Compliance in order to update the information base for determining financial qualifications.

G. Each licensee authorized to dispose of waste received from other persons, in accordance with this Chapter, shall submit annual reports to the Office of Environmental Compliance. Reports shall be submitted by the end of the first calendar quarter of each year for the preceding year.

G.1. – J.2. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 24:2111 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2598 (November 2000), LR 27:1238 (August 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2535 (October 2005), LR 33:2188 (October 2007).

Chapter 14. Regulation and Licensing of Naturally Occurring Radioactive Material (NORM)

§1407. Surveys

A. – B. ...

C. Upon completion of survey(s) of equipment and facilities that verify that NORM regulated by this Chapter is not present, an individual may submit documentation to the Office of Environmental Compliance indicating that the equipment and facilities are exempt from the requirements of this Chapter pursuant to LAC 33:XV.1404.

D. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 21:26 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2599 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2536 (October 2005), LR 33:2188 (October 2007).

§1408. General License

A. ...

1. Persons subject to the general license shall notify the Office of Environmental Compliance by filing the Notification of NORM Form (Form RPD-36) with the department.

2. A confirmatory survey showing the presence of NORM in excess of exempt levels provided in LAC 33:XV.1404 shall be submitted to the Office of Environmental Compliance.

3. Each general licensee performing on-site maintenance on contaminated facilities, sites, or equipment or the excavation of land shall establish and submit to the Office of Environmental Compliance for approval written procedures as outlined in LAC 33:XV.1499.Appendix B to ensure worker protection and for the survey (or screening) of sites and equipment.

4. ...

5. Each general licensee shall establish and submit to the Office of Environmental Compliance for approval written procedures for the survey (or screening) of sites and equipment to ensure that NORM is not released for unrestricted use except under the provisions of LAC 33:XV.1417.

6. – 6.a. ...

b. To store NORM waste in a container for up to 365 days from generation, a general licensee must first submit a written NORM waste management plan to the Office of Environmental Compliance and receive authorization from the department. The general licensee may store NORM waste in containers up to 365 days from generation under the written NORM waste management plan while waiting for department determination.

A.7. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 21:26 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2599 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2536 (October 2005), LR 33:2188 (October 2007).

§1410. General Licenses: Pipe Yards, Storage Yards, or Production Equipment Yards

A. – A.1. ...

2. a program is developed and submitted to the Office of Environmental Compliance for approval to screen incoming shipments to ensure that the 50-microroentgens-per-hour limit is not exceeded for individual pieces of tubular goods or equipment;

3. a program is developed and submitted to the Office of Environmental Compliance for approval to ensure worker protection, as outlined in LAC 33:XV.1499.Appendix B;

4. a program is developed and submitted to the Office of Environmental Compliance for approval to control soil contamination;

5. a program is developed and submitted to the Office of Environmental Compliance for approval to prevent release of NORM contamination beyond the site boundary;

6. a program is developed and submitted to the Office of Environmental Compliance for approval for surveying and decontamination to ensure that soil contamination is not allowed to exceed 200 picocuries per gram of radium-226 or radium-228 or an exposure rate of 50 microroentgens per hour at one meter from the soil at any time;

7. a plan for cleanup is submitted to the Office of Environmental Compliance within 180 days of the discovery of NORM contaminated soil in excess of the limit in Paragraph A.6 of this Section. The plan shall include a schedule for cleanup that is to be approved by the department. The general licensee may include in this plan an application to the department for a one time authorization to perform this cleanup or use a specific licensee; and

A.8. – B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, Nuclear Energy Division, LR 15:736 (September 1989), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:605 (June 1992), LR 21:26 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2599 (November 2000), LR 30:1189 (June 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2536 (October 2005), LR 33:2189 (October 2007).

§1417. Release for Unrestricted Use

A. – A.3. ...

B. If closure activities involve construction with a subsurface impact to a depth greater than three feet, prior approval by the Office of Environmental Compliance must be attached as part of the application addressing the certification of the groundwater quality. All pits, ponds, and lagoons must comply with departmental regulations and/or policies dealing with groundwater quality.

C. Unless otherwise directed in writing by the department, in order to release property for unrestricted use, a licensee shall submit a plan for the decontamination to the Office of Environmental Compliance for approval. Upon approval, the licensee shall implement the plan in accordance with such approval.

C.1. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:607 (June 1992), amended LR 21:28 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR

26:2600 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2537 (October 2005), LR 33:2189 (October 2007).

§1418. NORM Manifests

A. – C.6. ...

7. The licensee receiving a shipment is required to report to the Office of Environmental Compliance and to the licensee initiating the shipment any irregularities between the NORM actually received by the designated facility and the NORM described on the manifest, or any other irregularities, within 15 days. If the designated facility or receiving licensee is outside the state of Louisiana, the generating or originating licensee must report the irregularities to the department.

D. – E.3. ...

a. notify the Office of Environmental Compliance in writing within seven days;

b. ...

c. report the results of the investigation to the Office of Environmental Compliance.

F. – G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:608 (June 1992), amended LR 21:28 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2600 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2537 (October 2005), LR 33:2189 (October 2007).

§1420. Financial Security Requirements for NORM Treaters or Storers

A. – B. ...

C. On the effective date of these rules, current licenses in effect may continue, provided that the required security arrangements are submitted to the Office of Environmental Compliance within 120 days.

D. – E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:609 (June 1992), amended LR 21:30 (January 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2601 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2537 (October 2005), LR 33:2189 (October 2007).

Chapter 15. Transportation of Radioactive Material

§1515. Reports

A. The licensee shall report to the Office of Environmental Compliance within 30 days:

1. – 3. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1269 (June 2000), LR 26:2602 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2537 (October 2005), LR 33:2189 (October 2007).

§1516. Advance Notification of Transport of Nuclear Waste

A. – C.6. ...

D. The notification required by LAC 33:XV.1516.A shall be made in writing to the office of each appropriate governor or governor's designee and to the Office of Environmental Compliance. A notification delivered by mail must be postmarked at least seven days before the beginning of the seven-day period during which departure of the shipment is estimated to occur. A notification delivered by messenger must reach the office of the governor, or governor's designee, at least four days before the beginning of the seven-day period during which departure of the shipment is estimated to occur. A copy of the notification shall be retained by the licensee for three years.

E. The licensee shall notify each appropriate governor, or governor's designee, and the Office of Environmental Compliance of any changes to schedule information provided in accordance with Subsection A of this Section. Such notification shall be by telephone to a responsible individual in the office of the governor, or governor's designee, of the appropriate state or states. The licensee shall maintain for three years a record of the name of the individual contacted.

F. Each licensee who cancels a nuclear waste shipment, for which advance notification has been sent, shall send a cancellation notice to the governor, or governor's designee, of each appropriate state and to the Office of Environmental Compliance. A copy of the notice shall be retained by the licensee for three years.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1269 (June 2000), LR 26:2602 (November 2000), amended by the Office of Environmental Assessment, LR 30:2029 (September 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2537 (October 2005), LR 33:2190 (October 2007).

Chapter 17. Licensing and Radiation Safety Requirements for Irradiators

§1707. Start of Construction

A. An applicant for a license shall not begin construction of a new irradiator prior to the submission to the Office of Environmental Compliance of both an application for a license for the irradiator and any fee required by the applicable state requirement or statute. As used in this Chapter, the term *construction* includes the construction of any portion of the permanent irradiator structure on the site but does not include engineering and design work, purchase of a site, site surveys or soil testing, site preparation, site excavation, construction of warehouse or auxiliary structures, and other similar tasks. Any activities undertaken prior to the issuance of a license are entirely at the risk of the applicant and have no bearing on the issuance of a license with respect to the requirements of the appropriate state statute, rules, regulations, and orders issued under the appropriate state statute.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 24:2113 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2603 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2538 (October 2005), LR 33:2190 (October 2007).

§1711. Request for Written Statements

A. Each license is issued with the condition that the licensee shall, at any time before expiration of the license and upon the department's request, submit a written statement to the Office of Environmental Compliance to enable the department to determine whether the license should be modified, suspended, or revoked.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 24:2113 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2603 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2538 (October 2005), LR 33:2190 (October 2007).

§1755. Records and Retention Periods

A. – A.2. ...

3. a copy of the current operating and emergency procedures required by LAC 33:XV.1737 until superseded or the Office of Environmental Compliance terminates the license. Records of the radiation safety officer's review and approval of changes in procedures, as required by LAC 33:XV.1737.C.3, shall be retained for three years from the date of the change;

A.4. – B. ...

1. a copy of the license, the license conditions, documents incorporated into the license by reference, and amendments thereto until superseded by new documents or until the Office of Environmental Compliance terminates the license for documents not superseded;

2. personnel dosimeter evaluations required by LAC 33:XV.1739 until the Office of Environmental Compliance terminates the license;

3. – 5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 24:2120 (November 1998), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2604 (November 2000), LR 29:1471 (August 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2538 (October 2005), LR 33:2190 (October 2007).

Chapter 20. Radiation Safety Requirements for Wireline Service Operations and Subsurface Tracer Studies

§2014. Leak Testing of Sealed Sources

A. ...

B. Method of Testing. Tests for leakage shall be performed only by persons specifically authorized to perform such tests by the Office of Environmental Compliance, the U.S. Nuclear Regulatory Commission, an agreement state, or a licensing state. The wipe of a sealed source must be performed using a leak test kit or method approved by the department, the U.S. Nuclear Regulatory Commission, or an agreement state. The test sample shall be taken from the surface of the source, source holder, or from the surface of the device in which the source is stored or mounted and on which one might expect contamination to accumulate. The test sample shall be analyzed for radioactive contamination by a person approved by the department, the U.S. Nuclear Regulatory Commission, or an agreement state to perform the analysis. The analysis shall be capable of detecting the presence of 0.005 microcurie (185 Bq) of radioactive material on the test sample.

C. – E.5. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2604 (November 2000), LR 29:1471 (August 2003), LR 30:1667 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2538 (October 2005), LR 33:2190 (October 2007).

§2017. Design, Performance, and Certification Criteria for Sealed Sources Used in Downhole Operations

A. Sealed Source Used in Downhole and Well-Logging Applications

1. A licensee may use a sealed source in downhole and well-logging applications if the sealed source:

a. is doubly encapsulated;

b. contains licensed material whose chemical and physical forms are as insoluble and nondispersible as practical; and

c. meets one of the following requirements:

i. for a sealed source manufactured on or before July 14, 1989, the requirements of USASI N5.10-1968, "Classification of Sealed Radioactive Sources," or the requirements in Clause A.1.c.ii or iii of this Section; or

ii. for a sealed source manufactured after July 14, 1989, the oil well-logging requirements of ANSI/HPS N43.6-1997, "Sealed Radioactive Sources—Classification"; or

iii. for a sealed source manufactured after July 14, 1989, the sealed source's prototype has been tested and found to maintain its integrity after each of the following tests:

(a). Temperature Test. The test source must be held at −40°C for 20 minutes, 600°C for 1 hour, and then be subjected to a thermal shock test with a temperature drop from 600°C to 20°C within 15 seconds.

(b).Impact Test. A 5 kg steel hammer, 2.5 cm in diameter, must be dropped from a height of 1 m onto the test source.

(c).Vibration Test. The test source must be subjected to a vibration from 25 Hz to 500 Hz at 5 g amplitude for 30 minutes.

(d).Puncture Test. A 1 gram hammer and pin, 0.3 cm pin diameter, must be dropped from a height of 1 m onto the test source.

(e).Pressure Test. The test source must be subjected to an external pressure of 1.695×10^7 pascals (24,600 pounds per square inch absolute).

2. The requirements in Subparagraphs A.1.a-c of this Section do not apply to sealed sources that contain licensed material in gaseous form.

3. The requirements in Subparagraphs A.1.a-c of this Section do not apply to energy compensation sources (ECS). ECSs must be registered with the U.S. Nuclear Regulatory Commission, an agreement state, or the Office of Environmental Compliance.

B. For sealed sources, except those containing radioactive material in gaseous form, acquired after July 14, 1989, in the absence of a certificate from a transferor certifying that an individual sealed source meets the requirements of LAC 33:XV.2017.A, the sealed source shall not be put into use until such determinations and testing have been performed.

C. Each sealed source, except those containing radioactive material in gaseous form, used in downhole operations after July 14, 1989, shall be certified by the manufacturer, or other testing organization acceptable to the Office of Environmental Compliance, as meeting the sealed source performance requirements for oil well-logging as contained in the American National Standard N542, "Sealed Radioactive Sources, Classification," in effect on October 20, 1987.

D. Certification documents shall be kept and maintained for inspection by the Office of Environmental Compliance for a period of two years after source disposal. If the source is abandoned downhole, the certification documents shall be maintained until the Office of Environmental Compliance authorizes disposition in writing.

E. Energy Compensation Source. The licensee may use an energy compensation source (ECS) that is contained within a logging tool, or other tool components, only if the ECS contains quantities of licensed material not exceeding 3.7 MBq (100 microcuries).

1. For well-logging applications with a surface casing for protecting fresh water aquifers, use of the ECS is only subject to the requirements of LAC 33:XV.2014, 2015, and 2016.

2. For well-logging applications without a surface casing for protecting fresh water aquifers, use of the ECS is only subject to the requirements of Subsection G of this Section and LAC 33:XV.2004, 2014, 2015, 2016, and 2051.

F. Tritium Neutron Generator Target Source

1. Use of a tritium neutron generator target source, containing quantities not exceeding 1,110 MBq (30 curies) and in a well with a surface casing to protect fresh water aquifers, is subject to the requirements of these regulations except Subsections A and E of this Section and LAC 33:XV.2051.

2. Use of a tritium neutron generator target source, containing quantities exceeding 1,110 MBq (30 curies) or in a well without a surface casing to protect fresh water aquifers, is subject to the requirements of these regulations except Subsections A and E of this Section.

G. Use of a Sealed Source in a Well Without a Surface Casing. The licensee may use a sealed source in a well without a surface casing for protecting fresh water aquifers only if the licensee follows a procedure for reducing the probability of the source becoming lodged in the well. The procedure must be approved by the Office of Environmental Compliance.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and

Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2605 (November 2000), LR 29:1472 (August 2003), amended by the Office of Environmental Assessment, LR 31:55 (January 2005), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2538 (October 2005), LR 33:2191 (October 2007), LR 33:2362 (November 2007).

Subchapter A. Requirements for Personnel Safety

§2022. Personnel Monitoring

A. ...

B. Personnel monitoring records shall be maintained for inspection until the Office of Environmental Compliance authorizes disposition.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2605 (November 2000), LR 29:1472 (August 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2539 (October 2005), LR 33:2191 (October 2007).

Subchapter D. Notification

§2051. Notification of Incidents, Abandonment, and Lost Sources

A. – D.2.c. . . .

d. the name of the well owner or well operator, as appropriate;

e. the well name and well identification number(s) or other designation;

f. the sealed source(s) by radionuclide and quantity of activity;

g. the source depth and the depth to the top of the plug; and

h. an appropriate warning, depending on the specific circumstances of each abandonment. Appropriate warnings may include "DO NOT DRILL BELOW PLUG BACK DEPTH"; "DO NOT ENLARGE CASING"; or "DO NOT RE-ENTER THE HOLE," followed by the words, "BEFORE CONTACTING THE OFFICE OF ENVIRONMENTAL COMPLIANCE, LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY."

E. . . .

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:34 (January 1992), LR 21:555 (June 1995), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2606 (November 2000), LR 29:1473 (August 2003), LR 30:1679 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 33:2191 (October 2007), LR 33:2363 (November 2007).

Chapter 25. Fee Schedule

§2506. Reciprocal Agreements—Licenses and Registrants

A. Persons operating within Louisiana under the provisions of LAC 33:XV.212 or LAC 33:XV.390 shall submit to the Office of Environmental Compliance the annual fee of the applicable category before the first entry into the state. The fee will allow reciprocal recognition of the license or registration for one year from the date of receipt.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, LR 10:1013 (December 1984), amended by the Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:718 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2607 (November 2000), LR 29:1816 (September 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2539 (October 2005), LR 33:2191 (October 2007).

§2507. Reimbursements

A. One-half of the annual fee will be reimbursed to the licensee or registrant upon receipt of a written request to terminate the license or registration, provided that the request has been received by the Office of Environmental Compliance within 180 days after the annual fee due date, and the fee has not been delinquent. Requests for termination of the license or registration received after 180 days of the annual fee due date will not entitle the licensee or registrant to reimbursement of any portion of the annual fee. No interest, legal or otherwise, will be paid on the funds withheld prior to reimbursement.

B. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, LR 10:1013 (December 1984), amended by the Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:718 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2607 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2539 (October 2005), LR 33:2191 (October 2007).

§2508. Determination of Fee

A. – C. ...

D. Electronic products that are in storage are subject to the same initial application fee and annual maintenance fee unless the X-ray unit is rendered permanently incapable of

producing radiation and this fact is documented in writing to the Office of Environmental Compliance.

E. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Nuclear Energy, LR 10:1013 (December 1984), amended by the Nuclear Energy Division, LR 13:569 (October 1987), amended by the Office of Air Quality and Radiation Protection, Radiation Protection Division, LR 18:718 (July 1992), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:1441 (July 2000), LR 26:2607 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2539 (October 2005), LR 33:2192 (October 2007).