

PREFACE

This supplement contains amendments to the environmental regulations adopted during the 4th quarter of 2006 (October - December).

The amendments in this publication include the following:

Media	Rule Log #	Final Date
Multimedia	OS070	October 20, 2006
Part I. Office of the Secretary	OS054	December 20, 2006
	OS076ft	December 20, 2006
Part III. Air	AQ240	October 20, 2006
	AQ264	October 20, 2006
	AQ267	October 20, 2006
	AQ268	October 20, 2006
Part VII. Solid Waste	SW041	December 20, 2006

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

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Environmental Regulatory Code Editor

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Title 33 ENVIRONMENTAL QUALITY

Part I. Office of the Secretary

Subpart 1. Departmental Administrative Procedures

Chapter 7. Penalties

§705. Penalty Determination Method

A. – D. ...

E. The information obtained from the violation-specific and violator-specific factors can be entered into one of the following formulas to obtain a penalty amount (P_n) for each penalty event:

$$P_n = A_n + (B_n \times [C_n - A_n])$$

$$P_n = 2(A_n + [B_n \times (C_n - A_n)]) *$$

where:

P_n = penalty amount for a given penalty event.

A_n = the minimum value of the penalty range for the cell located on the penalty matrix for a given penalty event.

B_n = the sum of percentage adjustments calculated for a given penalty event, where $100 \text{ percent} \geq B \geq -100 \text{ percent}$.

C_n = the maximum value of the penalty range for the cell located on the penalty matrix for a given penalty event.

* [NOTE: For violation of a previous enforcement action the penalty is multiplied by 2. The statutory maximum is \$50,000 in circumstances where the penalty event constitutes a violation of a previous enforcement action as stated in R.S. 30:2025(E)(2).]

F. – J. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2050.3.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, LR 25:658 (April 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 25:2400 (December 1999), LR 30:421 (March 2004), amended by the Office of Environmental Assessment, LR 30:2802 (December 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1843 (October 2006).

Chapter 8. Expedited Penalty Agreement

§801. Definitions

Agency Interest Number—a site-specific number assigned to a facility by the department that identifies the facility in a distinct geographical location.

Expedited Penalty Agreement—a predetermined penalty assessment issued by the department and agreed to by the

respondent, which identifies violations of minor or moderate gravity as determined by LAC 33:I.705, caused or allowed by the respondent and occurring on specified dates, in accordance with R.S. 30:2025(D).

LPDES General Permit—for the purposes of this Chapter, any Louisiana Pollutant Discharge Elimination System Permit in the LAG530000, LAG540000, LAG750000, LAR050000, or LAR100000 series.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2025(D).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:2242 (December 2006).

§803. Purpose

A. The purpose of this Chapter is to provide an alternative penalty assessment mechanism that the department may utilize, at its discretion, to expedite penalty assessments in appropriate cases. This Chapter:

1. addresses common violations of minor or moderate gravity;
2. quantifies and assesses penalty amounts for common violations in a consistent, fair, and equitable manner;
3. ensures that the penalty amounts are appropriate, in consideration of the nine factors listed in R.S. 30:2025(E)(3)(a);
4. eliminates economic incentives for noncompliance for common minor and/or moderate violations; and
5. ensures expeditious compliance with environmental regulations.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2025(D).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:2242 (December 2006).

§805. Applicability

A. *Limit of Penalty Amount*. The total penalty assessed for the expedited penalty agreement shall not exceed \$1,500 for one violation or \$3,000 for two or more violations.

B. *Departmental Discretion*. The secretary of the department or his designee, at his sole discretion, may propose an expedited penalty agreement for any violation described in LAC 33:I.807.A and considered in accordance with Subsection E of this Section. The expedited penalty agreement shall specify that the respondent waives any right to an adjudicatory hearing or judicial review regarding violations identified in the signed expedited penalty agreement. The respondent must concur with and sign the expedited penalty agreement in order to be governed by this Chapter and R.S. 30:2025(D).

C. *Notification to the Respondent*. The expedited penalty agreement shall serve as notification to the respondent of the assessed penalty amount for the violations identified on the specified dates.

D. Certification by the Respondent. By signing the expedited penalty agreement, the respondent certifies that all cited violations in the expedited penalty agreement have been or will be corrected, and that the assessed penalty amount has been or will be paid, within 30 days of receipt of the expedited penalty agreement.

E. Nine Factors for Consideration. An expedited penalty agreement may be used only when the following criteria for the nine factors for consideration listed in R.S. 30:2025(E)(3)(a) are satisfied.

1. The History of Previous Violations or Repeated Noncompliance. The violation identified in the expedited penalty agreement is not the same as or similar to a violation that occurred within the previous two years at the facility under the same agency interest number, and that was identified in any compliance order, penalty assessment, settlement agreement, or expedited penalty agreement issued to the respondent by the department. Site-specific enforcement history considerations will only apply to expedited penalty agreements.

2. The Nature and Gravity of the Violation. The violation identified is considered to be minor or moderate with regard to its nature and gravity.

a. The violation identified in the expedited penalty agreement deviates somewhat from the requirements of statutes, regulations, or permit; however, the violation exhibits at least substantial implementation of the requirements.

b. The violation identified is isolated in occurrence and limited in duration.

c. The violation is easily identifiable and corrected.

d. The respondent concurs with the violation identified and agrees to correct the violation identified and any damages caused or allowed by the identified violation within 30 days of receipt of the expedited penalty agreement.

3. The Gross Revenues Generated by the Respondent. By signing the expedited penalty agreement, the respondent agrees that sufficient gross revenues exist to pay the assessed penalty and correct the violation identified in the expedited penalty agreement within 30 days of receipt of the expedited penalty agreement.

4. The Degree of Culpability, Recalcitrance, Defiance, or Indifference to Regulations or Orders. The respondent is culpable for the violation identified, but has not shown recalcitrance, defiance, or extreme indifference to regulations or orders. Willingness to sign an expedited penalty agreement and correct the identified violation within the specified time frame demonstrates respect for the regulations and a willingness to comply.

5. The Monetary Benefits Realized Through Noncompliance. The respondent's monetary benefit from noncompliance for the violation identified shall be considered. The intent of these regulations is to eliminate economic incentives for noncompliance.

6. The Degree of Risk to Human Health or Property Caused by the Violation. The violation identified does not present actual harm or substantial risk of harm to the environment or public health. The violation identified is isolated in occurrence or administrative in nature, and the violation identified has no measurable detrimental effect on the environment or public health.

7. Whether the Noncompliance or Violation and the Surrounding Circumstances Were Immediately Reported to the Department and Whether the Violation or Noncompliance Was Concealed or There Was an Attempt to Conceal by the Person Charged. Depending upon the type of violation, failure to report may or may not be applicable to this factor. If the respondent concealed or attempted to conceal any violation, the violation shall not qualify for consideration under these regulations.

8. Whether the Person Charged Has Failed to Mitigate or to Make a Reasonable Attempt to Mitigate the Damages Caused by the Noncompliance or Violation. By signing the expedited penalty agreement, the respondent states that the violation identified and the resulting damages, if any, have been or will be corrected. Violations considered for expedited penalty agreements are, by nature, easily identified and corrected. Damages caused by any violation identified are expected to be nonexistent or minimal.

9. The Costs of Bringing and Prosecuting an Enforcement Action, Such as Staff Time, Equipment Use, Hearing Records, and Expert Assistance. Enforcement costs for the expedited penalty agreement are considered minimal. Enforcement costs for individual violations are covered with the penalty amount set forth for each violation in LAC 33:I.807.

F. Schedule. The respondent must return the signed expedited penalty agreement and payment for the assessed amount to the department within 30 days of the respondent's receipt of the expedited penalty agreement. If the department has not received the signed expedited penalty agreement and payment for the assessed amount by the close of business on the thirtieth day after the respondent's receipt of the expedited penalty agreement, the expedited penalty agreement may be withdrawn at the department's discretion.

G. Extensions. If the department determines that compliance with the cited violation is technically infeasible or impracticable within the initial 30-day period for compliance, the department, at its discretion, may grant additional time in order for the respondent to correct the violation cited in the expedited penalty agreement.

H. Additional Rights of the Department

1. If the respondent signs the expedited penalty agreement, but fails to correct the violation identified, pay the assessed amount, or correct any damages caused or allowed by the cited violation within the specified time frame, the department may issue additional enforcement actions, including, but not limited to, a civil penalty assessment, and may take any other action authorized by law to enforce the terms of the expedited penalty agreement.

2. If the respondent does not agree to and sign the expedited penalty agreement, the department shall consider the respondent notified that a formal civil penalty is under consideration. The department may then pursue formal enforcement action against the respondent in accordance with R.S. 30:2025(C), 2025(E), 2050.2, and 2050.3.

I. Required Documentation. The department shall not propose any expedited penalty agreement without an affidavit, inspection report, or other documentation to establish that the respondent has caused or allowed the violation to occur on the specified dates.

J. Evidentiary Requirements. Any expedited penalty agreement issued by the department shall notify the respondent of the evidence used to establish that the respondent has caused or allowed the violation to occur on the specified dates.

K. Public Enforcement List. The signed expedited penalty agreement is a final enforcement action of the department and shall be included on the public list of enforcement actions referenced in R.S. 30:2050.1(B)(1).

L. Date of Issuance. When an expedited penalty agreement is issued in conjunction with a Notice of Potential Penalty, the issuance date shall be the date on the document of initial signature by the administrative authority.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2025(D).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:2242 (December 2006).

§807. Types of Violations and Expedited Penalty Amounts

A. The types of violations listed in the following table may qualify for coverage under this Chapter; however, any violation listed below, which is identified in an expedited penalty agreement, must also meet the conditions set forth in LAC 33:I.805.E.

Expedited Penalties			
Violation	Citation	Amount	Frequency
ALL MEDIA			
Failure to provide timely notification for the unauthorized discharge of any material that exceeds the reportable quantity but does not cause an emergency condition.	LAC 33:I.3917.A	\$500	Per occurrence

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to provide prompt notification of any unauthorized discharge that results in the contamination of the groundwaters of the state or that otherwise moves in, into, within, or on any saturated subsurface strata in accordance with LAC 33:I.3923.	LAC 33:I.3919.A	\$500	Per occurrence
Failure to provide timely written notification of the unauthorized discharge of any material that exceeds the reportable quantity but does not cause an emergency condition.	LAC 33:I.3925.A	\$500	Per occurrence
AIR QUALITY			
40 CFR Part 70 General Permit conditions (Part K, L, M, or R): Failure to timely submit any applicable annual, semiannual, or quarterly reports.	LAC 33:III.501.C.4	\$500	Per occurrence
Failure to submit an Annual Criteria Pollutant Emissions Inventory in a timely and complete manner when applicable.	LAC 33:III.919	\$500	Per occurrence
Failure to submit an Annual Toxic Emissions Data Inventory in a timely and complete manner when applicable.	LAC 33:III.5107	\$500	Per occurrence
Control of Fugitive Emissions, sandblasting facilities: Failure to take all reasonable precautions to prevent particulate matter from becoming airborne.	LAC 33:III.1305.A	\$250	Per occurrence
Failure to provide notice of change of ownership within 45 days after the change.	LAC 33:III.517.G	\$200	Per occurrence
Failure to timely submit any applicable Specific Condition or General Condition report as specified in a minor source permit.	LAC 33:III.501.C.4	\$250	Per occurrence
Failure to timely submit any applicable Specific Condition or General Condition report (other than those specified elsewhere in this Section) as specified in a Part 70 (Title V) air permit.	LAC 33:III.501.C.4	\$350	Per occurrence

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to submit an updated Emission Point List, Emissions Inventory Questionnaire (EIQ), emissions calculations, and certification statement as described in LAC 33:III.517.B.1 within seven calendar days after effecting any modification to a facility authorized to operate under a standard oil and gas permit.	LAC 33:III.501.C.4	\$750	Per occurrence/ emission point
Failure to submit the Title V permit renewal application at least six months prior to the date of expiration, applicable only when the renewal application is submitted prior to permit expiration and a renewal permit is issued on or before the expiration date.	LAC 33:III.507.E.4	\$1,000	Per occurrence
Failure to maintain records for glycol dehydrators subject to LAC 33:III.2116.F	LAC 33:III.2116.F	\$250	Per occurrence
Failure to submit an initial perchloroethylene inventory report.	LAC 33:III.5307.A	\$250	Per occurrence
Failure to submit a perchloroethylene usage report by July 1 for the preceding calendar year.	LAC 33:III.5307.B	\$250	Per occurrence
Stage II Vapor Recovery			
Note: LAC 33:III.2132 is only applicable to subject gasoline dispensing facilities in the parishes of Ascension, East Baton Rouge, West Baton Rouge, Iberville, Livingston, and Pointe Coupee.			
Failure to submit an application to the administrative authority prior to installation of the Stage II vapor recovery system.	LAC 33:III.2132.B.6	\$500	Per occurrence
Failure to have at least one person trained as required by the regulations.	LAC 33:III.2132.C	\$300	Per occurrence
Failure to test the vapor recovery system prior to start-up of the facility and annually thereafter.	LAC 33:III.2132.D	\$750	Per occurrence
Failure to post operating instructions on each pump.	LAC 33:III.2132.E	\$100	Per occurrence
Failure to maintain equipment and tag defective equipment "out of order."	LAC 33:III.2132.F.1 and 3-4	\$500	Per inspection
Failure to perform daily inspections and accurately record results.	LAC 33:III.2132.F.2	\$300	Per inspection

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to maintain records on-site for at least two years and present them to an authorized representative upon request.	LAC 33:III.2132.G.1-7	\$300	Per compliance inspection
Failure to use and/or diligently maintain, in proper working order, all air pollution control equipment installed at the site.	LAC 33:III.905	\$100	Per occurrence
HAZARDOUS WASTE			
Used Oil			
Failure of a used oil generator to stop, contain, clean up, and/or manage a release of used oil, and/or repair or replace leaking used oil containers or tanks prior to returning them to service.	LAC 33:V.4013.E	\$500	Per occurrence
Failure of a used oil transfer facility to stop, contain, clean up, and/or manage a release of used oil, and/or repair or replace leaking used oil containers or tanks prior to returning them to service.	LAC 33:V.4035.H	\$500	Per occurrence
Failure of a used oil processor or re-refiner to stop, contain, clean up, and/or manage a release of used oil, and/or repair or replace leaking used oil containers or tanks prior to returning them to service.	LAC 33:V.4049.G	\$500	Per occurrence
Failure of a used oil burner to stop, contain, clean up, and/or manage a release of used oil, and/or repair or replace leaking used oil containers or tanks prior to returning them to service.	LAC 33:V.4069.G	\$500	Per occurrence
SOLID WASTE			
Failure to report any discharge, deposit, injection, spill, dumping, leaking, or placing of solid waste into or on the water, air, or land.	LAC 33:VII.315.K	\$500	Per occurrence
Waste Tires			
Storage of more than 20 whole tires without authorization from the administrative authority.	LAC 33:VII.10509.B	\$200	Per occurrence
Transporting more than 20 tires without first obtaining a transporter authorization certificate.	LAC 33:VII.10509.C	\$200	Per occurrence

Expedited Penalties			
Violation	Citation	Amount	Frequency
Storing tires for greater than 365 days.	LAC 33:VII.10509.E	\$200	Per occurrence
Failure to maintain all required records for three years on-site or at an alternative site approved in writing by the administrative authority.	LAC 33:VII.10509.G	\$200	Per occurrence
Failure to obtain a waste tire generator identification number within 30 days of commencing business operations.	LAC 33:VII.10519.A	\$300	Per occurrence
Failure to accept one waste tire for every new tire sold unless the purchaser chooses to keep the waste tire.	LAC 33:VII.10519.B	\$100	Per occurrence
Failure to remit waste tire fees to the state on a monthly basis as specified.	LAC 33:VII.10519.D	\$100	Per occurrence
Failure to post required notifications to the public.	LAC 33:VII.10519.E	\$100	Per occurrence
Failure to list the waste tire fee on a separate line on the invoice so that no tax will be charged on the fee.	LAC 33:VII.10519.F	\$100	Per occurrence
Failure to keep waste tires or waste tire material covered as specified.	LAC 33:VII.10519.H	\$200	Per occurrence
Failure to segregate waste tires from new or used tires offered for sale.	LAC 33:VII.10519.M	\$200	Per occurrence
Failure to provide a manifest for all waste tire shipments containing more than 20 tires.	LAC 33:VII.10533.A	\$200	Per occurrence
Failure to maintain completed manifests for three years and have them available for inspection.	LAC 33:VII.10533.D	\$200	Per occurrence
Failure to collect appropriate waste tire fee for each new tire sold.	LAC 33:VII.10519.C, 10535.B	\$200	Per occurrence
Failure to submit application and fees for transporter authorization.	LAC 33:VII.10523.A	\$300	Per occurrence
Failure to use a manifest when transporting greater than 20 waste tires.	LAC 33:VII.10523.C	\$200	Per occurrence
Failure of transporter to transport all waste tires to an authorized collection center or a permitted processing facility.	LAC 33:VII.10523.D	\$300	Per occurrence
Failure of out-of-state or out-of-country transporter to comply with state waste tire regulations.	LAC 33:VII.10523.E	\$200	Per occurrence

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to provide notification in writing within 10 days when any information on the authorization certificate form changes, or if the business closes and ceases transporting waste tires.	LAC 33:VII.10523.G	\$100	Per occurrence
Failure by a collector or collection center to follow the requirements for receipt of tires.	LAC 33:VII.10527.A	\$200	Per occurrence
Failure of collection center operator to meet the standards in LAC 33:VII.10525.D.1-10 and 12-24.	LAC 33:VII.10527.B	\$300	Per occurrence
Failure of recycler to provide notification of its existence and obtain an identification number.	LAC 33:VII.10531.A	\$300	Per occurrence
Failure of waste tire or waste tire material recycler to meet the requirements of LAC 33:VII.10525.D.	LAC 33:VII.10531.B	\$300	Per occurrence
Failure to follow the requirements for manifest discrepancies.	LAC 33:VII.10533.C	\$300	Per occurrence
WATER QUALITY			
Failure to comply with any portion(s) of an LPDES LAG530000 Schedule A permit.	LAC 33:IX.2701.A	\$200 and completion of a department-sponsored compliance class	10 or fewer violations
Failure to comply with any portion(s) of an LPDES LAG530000 Schedule A permit.	LAC 33:IX.2701.A	\$400 and completion of a department-sponsored compliance class	More than 10 violations
Failure to comply with any portion(s) of an LPDES LAG530000 Schedule B permit.	LAC 33:IX.2701.A	\$300 and completion of a department-sponsored compliance class	10 or fewer violations
Failure to comply with any portion(s) of an LPDES LAG530000 Schedule B permit.	LAC 33:IX.2701.A	\$500 and completion of a department-sponsored compliance class	More than 10 violations
Failure to comply with any portion(s) of an LPDES LAG540000 permit.	LAC 33:IX.2701.A	\$400 and completion of a department-sponsored compliance class	10 or fewer violations

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to comply with any portion(s) of an LPDES LAG540000 permit.	LAC 33:IX.2701.A	\$600 and completion of a department-sponsored compliance class	More than 10 violations
Failure to comply with any portion(s) of an LPDES LAG750000 permit.	LAC 33:IX.2701.A	\$400 and completion of a department-sponsored compliance class	10 or fewer violations
Failure to comply with any portion(s) of an LPDES LAG750000 permit.	LAC 33:IX.2701.A	\$600 and completion of a department-sponsored compliance class	More than 10 violations
Failure to develop and/or implement a Spill Prevention and Control Plan (SPC):			
1. Failing to develop an SPC plan for any applicable facility.	LAC 33:IX.905	\$500	Per occurrence
2. Failing to implement any component of an SPC plan.	LAC 33:IX.905	\$100	Per occurrence
Failure to submit certain reports as required by any LPDES permit not previously defined as an LPDES General Permit in LAC 33:I.801, including noncompliance reports, storm water reports, pretreatment reports, biomonitoring reports, overflow reports, construction schedule progress reports, environmental audit reports as required by a municipal pollution prevention plan, and toxicity reduction evaluation reports.	LAC 33:IX.2701.A	\$300	Per required submittal
Failure to prepare and/or implement any portion or portions of a Storm Water Pollution Prevention Plan (SWPPP), Pollution Prevention Plan (PPP), or Best Management Practices/Plan (BMP) as required by any LPDES permit not previously defined as an LPDES General Permit in LAC 33:I.801.	LAC 33:IX.2701.A	\$500	Per occurrence

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to submit a Notice of Intent for coverage under the LAR050000 or LAR100000 LPDES Storm Water General Permit.	LAC 33:IX.2511.C.1	\$1,000	Per occurrence
Unauthorized discharge of oil field wastes, including produced water.	LAC 33:IX.1901.A	\$1,000	Per occurrence
Unauthorized discharge of oily fluids.	LAC 33:IX.1701.B	\$1,000	Per occurrence
UNDERGROUND STORAGE TANKS			
Failure to register an existing or new UST containing a regulated substance.	LAC 33:XI.301.A-B	\$300	Per inspection
Failure to certify and provide required information on the department's approved registration form.	LAC 33:XI.301.B.1-2	\$300	Per inspection
Failure to provide notification within 30 days after selling a UST system or acquiring a UST system; failure to keep a current copy of the registration form on-site or at the nearest staffed facility.	LAC 33:XI.301.C.1-3	\$300	Per inspection
Failure to provide corrosion protection to tanks that routinely contain regulated substances using one of the specified methods.	LAC 33:XI.303.B.1	\$500 and completion of a department-sponsored compliance class	Per inspection
Failure to provide corrosion protection to piping that routinely contains regulated substances using one of the specified methods.	LAC 33:XI.303.B.2	\$250 and completion of a department-sponsored compliance class	Per inspection
Failure to provide corrosion protection to flex hoses and/or sub-pumps that routinely contain regulated substances using one of the specified methods.	LAC 33:XI.303.B.2	\$100 and completion of a department-sponsored compliance class	Per inspection
Failure to provide spill and/or overflow prevention equipment as specified.	LAC 33:XI.303.B.3	\$300 and completion of a department-sponsored compliance class	Per inspection
Failure to upgrade an existing UST system to new system standards as specified.	LAC 33:XI.303.C	\$500 and completion of a department-sponsored compliance class	Per inspection
Failure to pay fees by the required date.	LAC 33:XI.307.D	\$200	Per inspection

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to report, investigate, and/or clean up any spill and overflow.	LAC 33:XI.501.C	\$1,500	Per inspection
Failure to continuously operate and maintain corrosion protection to the metal components of portions of the tank and piping that routinely contain regulated substances and are in contact with the ground or water.	LAC 33:XI.503.A.1	\$300 and completion of a department-sponsored compliance class	Per inspection
Failure to have a UST system equipped with a cathodic protection system inspected for proper operation as specified.	LAC 33:XI.503.A.2	\$500 and completion of a department-sponsored compliance class	Per inspection
Failure to inspect a UST system with an impressed current cathodic protection system every 60 days to ensure that the equipment is running properly.	LAC 33:XI.503.A.3	\$300 and completion of a department-sponsored compliance class	Per inspection
Failure to comply with recordkeeping requirements.	LAC 33:XI.503.B	\$200 and completion of a department-sponsored compliance class	Per inspection
Failure to meet requirements for repairs to UST systems.	LAC 33:XI.507	\$300	Per inspection
Failure to follow reporting requirements, maintain required information, and/or keep records at the UST site and make them immediately available or keep them at an alternative site and provide them after a request.	LAC 33:XI.509	\$300 and completion of a department-sponsored compliance class	Per inspection
Failure to meet the performance requirements when performing release detection required in LAC 33:XI.703.	LAC 33:XI.701	\$750 and completion of a department-sponsored compliance class	Per inspection
Failure to use a method or combination of methods of release detection described in LAC 33:XI.701 for all new or existing tank systems.	LAC 33:XI.703.A.1	\$1,500 and completion of a department-sponsored compliance class	Per inspection
Failure to satisfy the additional requirements for petroleum UST systems as specified.	LAC 33:XI.703.B	\$350 and completion of a department-sponsored compliance class	Per inspection

Expedited Penalties			
Violation	Citation	Amount	Frequency
Failure to maintain release detection records.	LAC 33:XI.705	\$200 and completion of a department-sponsored compliance class	Per inspection
Failure to report any suspected release within 24 hours after becoming aware of the occurrence or when a leak detection method indicates that a release may have occurred.	LAC 33:XI.703.A.2 or 707	\$500 and completion of a department-sponsored compliance class	Per occurrence
Failure to investigate and confirm any suspected release of a regulated substance that requires reporting under LAC 33:XI.707 within seven days.	LAC 33:XI.711	\$1,500	Per occurrence
Failure to maintain corrosion protection and/or release detection on a UST system that is temporarily closed and contains more than 2.5 cm (1 inch) of residue, or 0.3 percent by weight of the total capacity of the UST system.	LAC 33:XI.903.A	\$500 and completion of a department-sponsored compliance class	Per inspection
Failure to comply with permanent closure and/or changes in service procedures.	LAC 33:XI.905	\$500	Per inspection

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq., and in particular R.S. 30:2025(D).

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of the Secretary, Legal Affairs Division, LR 32:2243(December 2006).

Chapter 9. Petition for Rulemaking

§909. Processing a Rulemaking Petition

A. ...

B. Within 90 days of receipt of the petition for rulemaking, the administrative authority shall deny the petition in writing, stating reasons for the denial, or shall initiate rulemaking by providing the petitioner with the necessary, completed form as provided in the department's Policy Number 0003-88, "Rule Development Procedure."

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 the Secretary, LR 23:298 (March 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 32:1843 (October 2006).

Subpart 2. Notification

Chapter 39. Notification Regulations and Procedures for Unauthorized Discharges

Subchapter E. Reportable Quantities for Notification of Unauthorized Discharges

§3931. Reportable Quantity List for Pollutants

A. Incorporation by Reference of Federal Regulations

1. Except as provided in Subsection B of this Section, the following federal reportable quantity lists are incorporated by reference:

a. 40 CFR 117.3, July 1, 2005, Table 117.3—Reportable Quantities of Hazardous Substances Designated Pursuant to Section 311 of the Clean Water Act; and

b. 40 CFR 302.4, July 1, 2005, Table 302.4—List of Hazardous Substances and Reportable Quantities.

2. Amendments as promulgated on October 4, 2006, in the *Federal Register*, 71 FR 58525-58533, to 40 CFR Part 302, Designation, Reportable Quantities, and Notification, and 40 CFR Part 355, Emergency Planning and Notification, are hereby incorporated by reference.

B. – Note #. ...

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).

Title 33 ENVIRONMENTAL QUALITY

Part III. Air

Chapter 5. Permit Procedures

§501. Scope and Applicability

A. – C.10. ...

11. Emissions shall be calculated in accordance with LAC 33:III.919.C.

12. Emissions estimation methods set forth in the Compilation of Air Pollution Emission Factors (AP-42) and other department-accepted estimation methods may be promulgated or revised. As a result of new or revised AP-42 emission factors for sources or source categories and/or department-accepted estimation methods, changes in calculated emissions may occur. Changes in reported emission levels as required by LAC 33:III.919.B.2.a due solely to revised AP-42 emission factors or department-accepted estimation methods do not constitute violations of the air permit; however, the department may evaluate changes in emissions on a case-by-case basis, including but not limited to, assessing compliance with other applicable Louisiana air quality regulations.

13. If the emission factors or estimation methods for any source or source category used in preparing the Annual Emission Statement required by LAC 33:III.918 and 919 differ from the emission factors or estimation methods used in the current air permit such that resulting “calculated” emissions reflect a change as defined in LAC 33:III.919.B.2.a, notification of the use of updated emission factors or estimation methods shall be included in the Title V Annual Certification, as specified in the affected permit. The notification shall include the old and new emission factor or estimation method reference source and the date, volume, and edition (if applicable); the raw data for the reporting year used for that source category calculation; and applicable emission point and permit numbers that are impacted by such change. The notification shall include any other explanation, as well as the facility's intended time frame to reconcile the emission limits in the applicable permit. The department reserves the right to reopen a permit pursuant to LAC 33:III.529.

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 16:613 (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).

§509. Prevention of Significant Deterioration

A. – A.4.e. ...

f. Hybrid Test for Projects That Involve Multiple Types of Emissions Units. A significant emissions increase of a regulated NSR pollutant is projected to occur if the sum of the emissions increases for each emissions unit, using the method specified in Subparagraphs A.4.c-d of this Section as applicable with respect to each emissions unit, for each type of emissions unit equals or exceeds the significant amount for that pollutant, as defined in Subsection B of this Section.

A.5. – AA.15.b. ...

Figure 1, AQCR, Map of Louisiana. Repealed.

[Editor's Note: Map is located after Section 509, Historical

Note.]

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 16:613 (July 1990), amended by the Office of Air Quality and Radiation Protection, Air Quality Division, LR 17:478 (May 1991), LR 21:170 (February 1995), LR 22:339 (May 1996), LR 23:1677 (December 1997), LR 24:654 (April 1998), LR 24:1284 (July 1998), repromulgated LR 25:259 (February 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2447 (November 2000), LR 27:2234 (December 2001), amended by the Office of the Secretary, Legal Affairs Division, LR 31:2437 (October 2005), LR 31:3135, 3156 (December 2005), LR 32:1600 (September 2006), LR 32:1843 (October 2006).

§513. General Permits, Temporary Sources, and Relocation of Portable Facilities

A. General Permits

1. The permitting authority may issue a general permit intended to cover numerous similar sources or activities. General permits shall be issued in accordance with LAC 33:III.519 and, prior to issuance, shall undergo public notice and, if the general permit is intended to cover a *Part 70 source* as defined in LAC 33:III.502, review by affected states and EPA in accordance with LAC 33:III.531 and 533. Each general permit shall incorporate terms and conditions applicable to sources that would qualify for the general permit. Any general permit shall identify criteria by which sources may qualify for the general permit, and may provide for applications which deviate from the requirements of LAC 33:III.517.

2. The owner or operator of any source that would qualify for the general permit may apply for authorization to operate under the general permit. The application must include all information necessary to determine qualification for and to assure compliance with the general permit. The owner or operator of a *Part 70 source* as defined in LAC 33:III.502 shall publish a notice of the application in a newspaper of general circulation in the local area where the source is or would be located.

3. – 5. ...

6. General permits shall not be issued for new *major stationary sources* and *major modifications* as defined in LAC 33:III.504 or 509.

B. – C.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 19:1420 (November 1993), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:2448 (November 2000), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1855 (October 2006).

§531. Public Notice and Affected State Notice

A. - B.2. ...

3. Notice of any proposed permit pertaining to a major stationary source or major modification under LAC 33:III.504, Nonattainment New Source Review Procedures, shall be provided to any affected federal land manager or Indian governing body.

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 19:1420 (November 1993), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1841 (October 2006).

Chapter 23. Control of Emissions for Specific Industries¹

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

Subchapter A. Chemical Woodpulp Industry

§2301. Control of Emissions from the Chemical Woodpulp Industry

A. - D.4.a.ii. ...

E. Exemptions. The total reduced sulfur limitations of Paragraph D.3 of this Section and the opacity limitation of Paragraph D.4 of this Section do not apply to affected facilities subject to 40 CFR 60, Subpart BB—Standards of Performance for Kraft Pulp Mills.

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).

Title 33
ENVIRONMENTAL QUALITY
Part V. Hazardous Waste and
Hazardous Materials
Subpart 1. Department of
Environmental Quality—Hazardous

Waste
Chapter 22. Prohibitions on Land
Disposal
Subchapter B. Hazardous Waste
Injection Restrictions

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

Table 2. Treatment Standards for Hazardous Wastes					
Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
* * *					
[See Prior Text in D001 ⁹ – F028]					
F032	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with LAC 33:V.4901.B.3 or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	Acenaphthene	83-32-9	0.059	3.4
		Anthracene	120-12-7	0.059	3.4
		Benzo(a)anthracene	56-55-3	0.059	3.4
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
		Benzo(a)pyrene	50-32-8	0.061	3.4
		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		2-4 Dimethylphenol	105-67-9	0.036	14
		Fluorene	86-73-7	0.059	3.4
		Hexachlorodibenzo-p-dioxins	NA	0.000063, or CMBST ¹¹	0.001, or CMBST ¹¹
		Hexachlorodibenzofurans	NA	0.000063, or CMBST ¹¹	0.001, or CMBST ¹¹
		Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
		Naphthalene	91-20-3	0.059	5.6
		Pentachlorodibenzo-p-dioxins	NA	0.000063, or CMBST ¹¹	0.001, or CMBST ¹¹
		Pentachlorodibenzofurans	NA	0.000035, or CMBST ¹¹	0.001, or CMBST ¹¹
		Pentachlorophenol	87-86-5	0.089	7.4
		Phenanthrene	85-01-8	0.059	5.6
Phenol	108-95-2	0.039	6.2		
Pyrene	129-00-0	0.067	8.2		
Tetrachlorodibenzo-p-dioxins	NA	0.000063, or CMBST ¹¹	0.001, or CMBST ¹¹		

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
		Tetrachlorodibenzofurans	NA	0.000063, or CMBST ¹¹	0.001, or CMBST ¹¹
		2,3,4,6- Tetrachlorophenol	58-90-2	0.030	7.4
		2,4,6- Trichlorophenol	88-06-2	0.035	7.4
		Arsenic	7440-38-2	1.4	5.0 mg/L TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
F034	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	Acenaphthene	83-32-9	0.059	3.4
		Anthracene	120-12-7	0.059	3.4
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(b)fluoranthene (difficult to distinguish from benzo(k)fluoranthene)	205-99-2	0.11	6.8
		Benzo(k)fluoranthene (difficult to distinguish from benzo(b)fluoranthene)	207-08-9	0.11	6.8
		Benzo(a)pyrene	50-32-8	0.061	3.4
		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		Fluorene	86-73-7	0.059	3.4
		Indeno (1,2,3-c,d) pyrene	193-39-5	0.0055	3.4
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Arsenic	7440-38-2	1.4	5.0 mg/L TCLP
Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP		
F035	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.	Arsenic	7440-38-2	1.4	5.0 mg/L TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
F037	Petroleum refinery primary oil/water/solids separation sludge. Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited	Acenaphthene	83-32-9	0.059	NA
		Anthracene	120-12-7	0.059	3.4
		Benzene	71-43-2	0.14	10
		Benz(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-32-8	0.061	3.4
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		Chrysene	218-01-9	0.059	3.4
		Di-n-butyl phthalate	84-74-2	0.057	28

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
	to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from noncontact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in LAC 33:V.4901.B.2.b. (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under LAC 33:V.105.D.1.1, if those residuals are to be disposed.	Ethylbenzene	100-41-4	0.057	10
		Fluorene	86-73-7	0.059	NA
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	85-01-8	0.059	5.6
		Phenol	108-95-2	0.039	6.2
		Pyrene	129-00-0	0.067	8.2
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
		Cyanides (Total) ⁷	57-12-5	1.2	590
		Lead	7439-92-1	0.69	NA
Nickel	7440-02-0	NA	11mg/L TCLP		
* * *					
[See Prior Text in F038]					
F039	Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under LAC 33:V.Subchapter A. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other Hazardous Wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028.)	* * *			
		[See Prior Text in Acenaphthylene – Endosulfan II]			
		Endosulfan sulfate	1031-07-8	0.029	0.13
* * *					
[See Prior Text in Endrin – Vanadium]					
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.	Naphthalene	91-20-3	0.059	5.6
		Pentachlorophenol	87-86-5	0.089	7.4
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Toluene	108-88-3	0.080	10
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Lead	7439-92-1	0.69	0.75 mg/L TCLP
* * *					
[See Prior Text in K002 – K010]					
K011	Bottom stream from the wastewater	Acetonitrile	75-05-8	5.6	38

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
	stripper in the production of acrylonitrile.	Acrylonitrile	107-13-1	0.24	84
		Acrylamide	79-06-1	19	23
		Benzene	71-43-2	0.14	10
		Cyanide (Total)	57-12-5	1.2	590
* * *					
[See Prior Text in K013 – K060]					
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.	Antimony	7440-36-0	NA	1.15 mg/L TCLP
		Arsenic	7440-38-2	NA	5.0 mg/L TCLP
		Barium	7440-39-3	NA	21 mg/L TCLP
		Beryllium	7440-41-7	NA	1.22 mg/L TCLP
		Cadmium	7440-43-9	0.69	0.11 mg/L TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
		Lead	7439-92-1	0.69	0.75 mg/L TCLP
		Mercury	7439-97-6	NA	0.025 mg/L TCLP
		Nickel	7440-02-0	3.98	11 mg/L TCLP
		Selenium	7782-49-2	NA	5.7 mg/L TCLP
		Silver	7440-22-4	NA	0.14 mg/L TCLP
		Thallium	7440-28-0	NA	0.20 mg/L TCLP
		Zinc	7440-66-6	NA	4.3 mg/L TCLP
* * *					
[See Prior Text in K062 – K085]					
K086	Solvent wastes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.	Acetone	67-64-1	0.28	160
		Acetophenone	96-86-2	0.010	9.7
		bis(2-Ethylhexyl) phthalate	117-81-7	0.28	28
		n-Butyl alcohol	71-36-3	5.6	2.6
		Butylbenzyl phthalate	85-68-7	0.017	28
		Cyclohexanone	108-94-1	0.36	NA
		o-Dichlorobenzene	95-50-1	0.088	6.0
		Diethyl phthalate	84-66-2	0.20	28
		Dimethyl phthalate	131-11-3	0.047	28
		Di-n-butyl phthalate	84-74-2	0.057	28
		Di-n-octyl phthalate	117-84-0	0.017	28
		Ethyl acetate	141-78-6	0.34	33
		Ethylbenzene	100-41-4	0.057	10
		Methanol	67-56-1	5.6	NA
		Methyl ethyl ketone	78-93-3	0.28	36
		Methyl isobutyl ketone	108-10-1	0.14	33
		Methylene chloride	75-09-2	0.089	30
Naphthalene	91-20-3	0.059	5.6		
Nitrobenzene	98-95-3	0.068	14		

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
		Toluene	108-88-3	0.080	10
		1,1,1-Trichloroethane	71-55-6	0.054	6.0
		Trichloroethylene	79-01-6	0.054	6.0
		Xylenes-mixed isomers (sum of o-, m-, and p-xylene concentrations)	1330-20-7	0.32	30
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
		Cyanides (Total) ⁷	57-12-5	1.2	590
		Lead	7439-92-1	0.69	0.75 mg/L TCLP

[See Prior Text in K087]					
K088	Spent potliners from primary aluminum reduction.	Acenaphthene	83-32-9	0.059	3.4
		Anthracene	120-12-7	0.059	3.4
		Benzo(a)anthracene	56-55-3	0.059	3.4
		Benzo(a)pyrene	50-32-8	0.061	3.4
		Benzo(b)fluoranthene	205-99-2	0.11	6.8
		Benzo(k)fluoranthene	207-08-9	0.11	6.8
		Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
		Chrysene	218-01-9	0.059	3.4
		Dibenz(a,h)anthracene	53-70-3	0.055	8.2
		Fluoranthene	206-44-0	0.068	3.4
		Indeno (1,2,3-c,d)pyrene	193-39-5	0.0055	3.4
		Phenanthrene	85-01-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Antimony	7440-36-0	1.9	1.15 mg/L TCLP
		Arsenic	7440-38-2	1.4	26.1
		Barium	7440-39-3	1.2	21 mg/L TCLP
		Beryllium	7440-41-7	0.82	1.22 mg/L TCLP
		Cadmium	7440-43-9	0.69	0.11 mg/L TCLP
		Chromium (Total)	7440-47-3	2.77	0.60 mg/L TCLP
		Lead	7439-92-1	0.69	0.75 mg/L TCLP
		Mercury	7439-97-6	0.15	0.025 mg/L TCLP
		Nickel	7440-02-0	3.98	11 mg/L TCLP
		Selenium	7782-49-2	0.82	5.7 mg/L TCLP
		Silver	7440-22-4	0.43	0.14 mg/L TCLP
Cyanide (Total) ⁷	57-12-5	1.2	590		
Cyanide (Amenable) ⁷	57-12-5	0.86	30		
Fluoride	16984-48-8	35	N/A		

[See Prior Text in K093 – K161]					

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
K169	Crude oil tank sediment from petroleum refining operations.	Benz(a)anthracene	56-55-3	0.059	3.4
		Benzene	71-43-2	0.14	10
		Benzo(g,h,i)perylene	191-24-2	0.0055	1.8
		Chrysene	218-01-9	0.059	3.4
		Ethyl Benzene	100-41-4	0.057	10
		Fluorene	86-73-7	0.059	3.4
		Naphthalene	91-20-3	0.059	5.6
		Phenanthrene	81-05-8	0.059	5.6
		Pyrene	129-00-0	0.067	8.2
		Toluene (Methyl Benzene)	108-88-3	0.080	10
		Xylene(s) (Total)	1330-20-7	0.32	30
* * *					
[See Prior Text in K170 – K174]					
K175	Wastewater treatment sludge from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process.	Arsenic	7440-36-0	1.4	5.0 mg/L TCLP
		Mercury ¹²	7438-97-6	NA	0.025 mg/L TCLP
		pH ¹²		NA	pH≤6.0
	All K175 wastewaters.	Mercury	7438-97-6	0.15	NA
* * *					
[See Prior Text in K176 – P064]					
P065	Mercury fulminate nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.	Mercury	7439-97-6	NA	IMERC
	Mercury fulminate nonwastewaters that are either incinerator residues or are residues from RMERC; and contain greater than or equal to 260 mg/kg total mercury.	Mercury	7439-97-6	NA	RMERC
	Mercury fulminate nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.	Mercury	7439-97-6	NA	0.20 mg/L TCLP
	Mercury fulminate nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.	Mercury	7439-97-6	NA	0.025 mg/L TCLP
	All mercury fulminate wastewaters.	Mercury	7439-97-6	0.15	NA
* * *					
[See Prior Text in P066 – P089]					
P092	Phenyl mercuric acetate nonwastewaters, regardless of their total mercury content, that are not incinerator residues or are not residues from RMERC.	Mercury	7439-97-6	NA	IMERC; or RMERC
	Phenyl mercuric acetate nonwastewaters that are either incinerator residues or are residues from RMERC; and still contain greater than or equal to 260 mg/kg total mercury.	Mercury	7439-97-6	NA	RMERC

Table 2. Treatment Standards for Hazardous Wastes

Waste Code	Waste Description and Treatment/Regulatory Subcategory ¹	Regulated Hazardous Constituent		Wastewaters	Non-Wastewaters
		Common Name	CAS ² Number	Concentration in mg/L ³ ; or Technology Code ⁴	Concentration in mg/kg ⁵ unless noted as "mg/L TCLP" or Technology Code ⁴
	Phenyl mercuric acetate nonwastewaters that are residues from RMERC and contain less than 260 mg/kg total mercury.	Mercury	7439-97-6	NA	0.20 mg/L TCLP
	Phenyl mercuric acetate nonwastewaters that are incinerator residues and contain less than 260 mg/kg total mercury.	Mercury	7439-97-6	NA	0.025 mg/L TCLP
	All phenyl mercuric acetate wastewaters.	Mercury	7439-97-6	0.15	NA

[See Prior Text in P093 – U411]					

Footnote 1. – Footnote 12. ...
[NOTE: NA means Not Applicable.]

Table 3. – Table 12. ...

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

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Solid and Hazardous Waste, Hazardous Waste Division, LR 16:1057 (December 1990), amended LR 17:658 (July 1991), LR 21:266 (March 1995), LR 22:22 (January 1996), LR 22:834 (September 1996), LR 23:566 (May 1997), LR 24:301 (February 1998), LR 24:670 (April 1998), LR 24:1732 (September 1998), LR 25:451 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 26:282 (February 2000), LR 27:295 (March 2001), LR 29:322 (March 2003), LR 30:1682 (August 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 32:828 (May 2006), LR 32:1843 (October 2006).

Chapter 33. Ground Water Protection

§3325. Ground Water Monitoring List

Table 4 lists ground water monitoring constituents.

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Acenaphthene	83-32-9	Acenaphthylene, 1,2-dihydro-
Acenaphthylene	208-96-8	Acenaphthylene
Acetone	67-64-1	2-Propanone
Acetophenone	98-86-2	Ethanone, 1-phenyl-
Acetonitrile; Methyl cyanide	75-05-8	Acetonitrile
2-Acetylamino-fluorene; 2-AAF	53-96-3	Acetamide, N-9H-fluoren-2-yl-
Acrolein	107-02-8	2-Propenal
Acrylonitrile	107-13-1	2-Propenenitrile
Aldrin	309-00-2	1,4:5,8-Dimethano-naphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexa-hydro (1α,4α,4aβ,5β,8α,8aβ)
Allyl chloride	107-05-1	1-Propene, 3-chloro-
4-Amino-biphenyl	92-67-1	[1,1'-Biphenyl]-4-amine

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Aniline	62-53-3	Benzenamine
Anathracene	120-12-7	Anthracene
Antimony	(Total)	Antimony
Aramite	140-57-8	Sulfurous acid,2-chloro-ethyl 2-[4-(1,1-di-methylethyl)phenoxy]-1-methyl-ethyl ester
Arsenic	(Total)	Arsenic
Barium	(Total)	Barium
Benzene	71-43-2	Benzene
Benzo[a]anthracene; Benzanthracene	56-55-3	Benzo[a]anthracene
Benzo[b]-fluor-anthene	205-99-2	Benzo[b]fluoranthene
Benzo[k]-fluor-anthene	207-08-9	Benzo[k]fluoranthene
Benzo[ghi]perylene	191-24-2	Benzo[ghi]perylene
Benzo[a]pyrene	50-32-8	Benzo[a]pyrene
Benzyl alcohol	100-51-6	Benzenemethanol
Beryllium	(Total)	Beryllium
alpha-BHC	319-84-6	Cyclohexane, 1,2,3,4,5, 6-hexachloro-, (1α,2α,3β,4α,5β,6β)
beta-BHC	319-85-7	Cyclohexane, 1,2,3,4,5, 6-hexachloro-, (1α,2β,3α,4β,5α,6β)-
delta-BHC	319-86-8	Cyclohexane, 1,2,3,4,5, 6-hexachloro-, (1α,2α,3α,4β,5α,6β)-
gamma-BHC; Lindane	58-89-9	Cyclohexane, 1,2,3,4,5, 6-hexachloro-, (1α,2α,3β,4α,5α,6β)
Bis(2-chloroethoxy) methane-	111-91-1	Ethane,1,1'-[methyl-enebis(oxy)]bis[2- chloro-
Bis(2-chloroethyl) ether	111-44-4	Ethane, 1,1'-oxybis[2- chloro-
Bis(2-chloro-1-methylethyl)ether; 2,2'-Dichlorodi- isopropyl ether	108-60-1	Propane, 2,2'-oxybis [1-chloro-
Bis(2-ethyl-hexyl) phthalate	117-81-7	1,2-Benzenedicarboxylic acid,bis(2-ethylhexyl) ester
Bromodichloro- methane	75-27-4	Methane, bromodichloro-
Bromoform;Tri-bromomethane	75-25-2	Methane, tribromo-
4-Bromophenyl-phenyl ether	101-55-3	Benzene,1-bromo-4- phenoxy-
Butyl benzyl phthalate;Benzyl butyl phthalate	85-68-7	1,2-Benzenedicarboxylic acid, butyl phenyl- methyl ester

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Cadmium	(Total)	Cadmium
Carbon disulfide	75-15-0	Carbon disulfide
Carbon tetrachloride	56-23-5	Methane, tetrachloro-
Chlordane	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octa-chloro-2,3,3a,4,7,7a- hexahydro-
p-Chloroaniline	106-47-8	Benzenamine, 4 chloro-
Chlorobenzene	108-90-7	Benzene, chloro-
Chloro- benzilate	510-15-6	Benzeneacetic acid, 4-chloro- α -(4-chloro- phenyl)- α - hydroxy-, ethyl ester
p-Chloro- m-cresol	59-50-7	Phenol, 4-chloro-3- methyl-
Chloroethane; Ethyl chloride	75-00-3	Ethane, chloro-
Chloroform	67-66-3	Methane, trichloro-
2-Chloro- naphthalene	91-58-7	Naphthalene, 2-chloro-
2-Chlorophenol	95-57-8	Phenol, 2-chloro-
4-Chlorophenyl phenyl ether	7005-72-3	Benzene, 1-chloro-4- phenoxy-
Chloroprene	126-99-8	1,3-Butadiene, 2-chloro-
Chromium	(Total)	Chromium
Chrysene	218-01-9	Chrysene
Cobalt	(Total)	Cobalt
Copper	(Total)	Copper
m-Cresol	108-39-4	Phenol, 3-methyl-
o-Cresol	95-48-7	Phenol, 2-methyl-
p-Cresol	106-44-5	Phenol, 4-methyl-
Cyanide	57-12-5	Cyanide
2,4-D; 2,4-Di-chlorophenoxy-acetic acid	94-75-7	Acetic acid, (2,4-dichlorophenoxy)-
4,4'-DDD	72-54-8	Benzene, 1,1'-(2,2-dichloroethylidene) bis[4-chloro-
4,4'-DDE	72-55-9	Benzene, 1,1'-(dichloro-ethylidene) bis[4- chloro-
4,4'-DDT	50-29-3	Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-
Diallate	2303-16-4	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2- propenyl)ester
Dibenz[a,h] anthracene	53-70-3	Dibenz[a,h]anthracene
Dibenzofuran	132-64-9	Dibenzofuran
Dibromochloro- methane; Chlorodi- bromomethane	124-48-1	Methane, dibromo- chloro-
1,2-Dibromo-3- chloropropane; DBCP	96-12-8	Propane, 1,2-dibromo- 3- chloro-
1,2-Dibromoethane; Ethylene dibromide	106-93-4	Ethane, 1,2-dibromo-
Di-n-butyl phthalate	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester
o-Dichlorobenzene	95-50-1	Benzene, 1,2-dichloro-
m-Dichlorobenzene	541-73-1	Benzene, 1,3-dichloro-
p-Dichlorobenzene	106-46-7	Benzene, 1,4-dichloro-
3,3'-Dichloro- benzidine	91-94-1	[1,1'-Biphenyl]4,4'- diamine, 3,3'-dichloro-
trans-1,4- Dichloro-2-butene	110-57-6	2-Butene,1,4- dichloro-, (E)-
Dichlorodifluoro- methane	75-71-8	Methane, dichloro- difluoro-
1,1-Dichloro-ethane	75-34-3	Ethane,1,1-dichloro-
1,2-Dichloro-ethane; Ethylene dichloride	107-06-2	Ethane, 1,2-dichloro-
1,1-Dichloro- ethylene; Vinylidene chloride	75-35-4	Ethene, 1,1-dichloro-
trans-1,2- Dichloroethylene	156-60-5	Ethene,1,2-dichloro-(E)-
2,4-Dichlorophenol	120-83-2	Phenol, 2,4-dichloro-
2,6-Dichlorophenol	87-65-0	Phenol, 2,6-dichloro-
1,2-Dichloro-propane	78-87-5	Propane, 1,2- dichloro-
cis-1,3- Dichloro- propene	10061-01-5	1-Propene, 1,3- dichloro-,(Z)-
trans-1,3- Dichloropropene	10061-02-6	1-Propene, 1,3- dichloro-, (E)-

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Dieldrin	60-57-1	2,7:3,6-Dimethanonaphth [2,3-b]oxirene,3,4,5, 6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1 α ,2 β ,2a α ,3 β ,6 β ,6a α ,7 β ,7a α)-
Diethyl phthalate	84-66-2	1,2-Benzenedicarboxylic acid, diethyl ester
O,O-Diethyl O-2-pyrazinyl phosphorothioate; Thionazin	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
Dimethoate	60-51-5	Phosphorodithioic acid, O,O-dimethyls-[2-(methylamino)-2-oxoethyl] ester
p-(Dimethyl-amino)azobenzene	60-11-7	Benzenamine, N,N-di-methyl-4- (phenylazo)-
7,12-Dimethyl- benz[a] anthracene	57-97-6	Benz[a]anthracene, 7,12-dimethyl-
3,3'-Dimethyl- benzidine	119-93-7	[1,1'-Biphenyl]-4,4'- diamine, 3,3'-dimethyl-
alpha, alpha- Dimethyl-phenethylamine	122-09-8	Benzenethanamine, α,α -dimethyl-
2,4-Dimethyl- phenol	105-67-9	Phenol, 2,4-dimethyl-
Dimethyl phthalate	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester
m-Dinitrobenzene	99-65-0	Benzene, 1,3-dinitro-
4,6-Dinitro-o- cresol	534-52-1	Phenol, 2-methyl-4,6- dinitro-
2,4-Dinitrophenol	51-28-5	Phenol, 2,4-dinitro-
2,4-Dinitro- toluene	121-14-2	Benzene, 1-methyl-2, 4-dinitro-
2,6-Dinitro- toluene	606-20-2	Benzene, 2-methyl- 1,3-dinitro-
Dinoseb; DNBP; 2-sec-Butyl- 4,6-dinitrophenol	88-85-7	Phenol, 2-(1-methyl- propyl)-4,6-dinitro-
Di-n-octyl phthalate	117-84-0	1,2-Benzenedicarboxylic acid, dioctyl ester
1,4-Dioxane	123-91-1	1,4-Dioxane
Diphenylamine	122-39-4	Benzenamine, N-phenyl-
Disulfoton	298-04-4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester
Endosulfan I	959-98-8	6,9-Methano-2,4,3-benzodioxathiepin 6,7,8, 9,10,10-hexachloro-1,5, 5a,6,9,9a-hexahydro-, 3-oxide, (3 α ,5a β ,6 α ,9 α ,9a β)-
Endosulfan II	3213-65-9	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexa-chloro-1,5,5a,6,9, 9a-hexahydro-, 3-oxide, (3 α ,5a α ,6 β ,9 α ,9a α)-
Endosulfan sulfate	1031-07-8	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexa-chloro-1,5,5a,6,9,9a- hexahydro-, 3,3-dioxide
Endrin	72-20-8	2,7:3,6-Dimethanonaphth[2,3-b]oxirene,3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1 α ,2 β ,2a β , 3 α ,6 α ,6a β , 7 β ,7a α)-
Endrin aldehyde	7421-93-4	1,2,4-Methenocyclopenta[cd]pentalene- 5-carboxaldehyde, 2,2a,3,3,4,7-hexachloro-decahydro-,(1 α ,2 β ,2a β , 4 β ,4a β ,5 β ,6a β ,6b β ,7R*)-
Ethylbenzene	100-41-4	Benzene, ethyl-
Ethyl methacrylate	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester
Ethyl methane- sulfonate	62-50-0	Methanesulfonic acid, ethyl ester

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Famphur	52-85-7	Phosphorothioic acid, O-[4-((dimethylamino) sulfonyl]phenyl]-O,O-dimethyl ester
Fluoranthene	206-44-0	Fluoranthene
Fluorene	86-73-7	9H-Fluorene
Heptachlor	76-44-8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-hepta-chloro-3a,4,7a-tetrahydro-
Heptachlor epoxide	1024-57-3	2,5-Methano-2H-indeno [1,2-b]oxirene,2,3,4,5, 6,7,7-heptachloro-1a,1b,5,5a, 6,6a-hexa-hydro-, (1a,1bβ,2a, 5a,5aβ,6β,6aa)
Hexachlorobenzene	118-74-1	Benzene, hexachloro-
Hexachlorobutadiene	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
Hexachloro-cyclopentadiene	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
Hexachloroethane	67-72-1	Ethane, hexachloro-
Hexachlorophene	70-30-4	Phenol,2,2'-methyl-enebis [3,4,6- tri-chloro-
Hexachloropropene	1888-71-7	1-Propene,1,1,2,3,3,3-hexachloro
2-Hexanone	591-78-6	2-Hexanone
Indeno(1,2,3- cd) pyrene	193-39-5	Indeno[1,2,3-cd] pyrene
Isobutyl alcohol	78-83-1	1-Propanol, 2-methyl-
Isodrin	465-73-6	1,4,5,8-Dimethano-naphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro- (1a,4a,4aβ, 5β,8β,8aβ) -
Isophorone	78-59-1	2-Cyclohexen-1-one,3,5,5-trimethyl-
Isosafrole	120-58-1	1,3-Benzodioxole,5-(1-propenyl)-
Kepone	143-50-0	1,3,4-Metheno-2H-cylo-buta-[cd]pentalen-2-one,1,1a,3,3a,4,5,5a,5b,6-decachloroocta-hydro-
Lead	(Total)	Lead
Mercury	(Total)	Mercury
Methacrylonitrile	126-98-7	2-Propenenitrile, 2-methyl-
Methapyrilene	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
Methoxychlor	72-43-5	Benzene,1,1'-(2,2,2, trichloroethylidene) bis[4-methoxy-
Methyl bromide; Bromomethane	74-83-9	Methane, bromo-
Methyl chloride; Chloromethane	74-87-3	Methane, chloro-
3-Methyl-cholanthrene	56-49-5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
Methylene bromide; Dibromomethane	74-95-3	Methane, dibromo-
Methylene chloride; Dichloromethane	75-09-2	Methane, dichloro-
Methyl ethyl ketone; MEK	78-93-3	2-Butanone
Methyl iodide; Iodomethane	74-88-4	Methane, iodo-
Methylmethacrylate	80-62-6	2-Propenoic acid, 2- methyl-, methyl ester
Methyl methanesulfonate	66-27-3	Methanesulfonic acid, methyl ester
2-Methyl-naphthalene	91-57-6	Naphthalene, 2-methyl-
Methyl parathion; Parathion methyl	298-00-0	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl)ester

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
4-Methyl-2- pentanone; Methylisobutyl ketone	108-10-1	2-Pentanone, 4-methyl
Naphthalene	91-20-3	Naphthalene
1,4-Naphthoquinone	130-15-4	1,4-Naphthalene-dione
1-Naphthylamine	134-32-7	1-Naphthalenamine
2-Naphthylamine	91-59-8	2-Naphthalenamine
Nickel	(Total)	Nickel
o-Nitroaniline	88-74-4	Benzenamine, 2-nitro-
m-Nitroaniline	99-09-2	Benzenamine, 3-nitro-
p-Nitroaniline	100-01-6	Benzenamine, 4-nitro-
Nitrobenzene	98-95-3	Benzene, nitro-
o-Nitrophenol	88-75-5	Phenol, 2-nitro-
p-Nitrophenol	100-02-7	Phenol, 4-nitro-
4-Nitroquinoline, 1-oxide	56-57-5	Quinoline, 4-nitro-, 1-oxide
N-Nitrosodi-n- butylamine	924-16-3	1-Butanamine, N-butyl-N-nitroso
N-Nitroso- diethylamine	55-18-5	Ethanamine, N-ethyl- N-nitroso
N-Nitroso- dimethylamine	62-75-9	Methanamine, N- methyl-N-nitroso-
N-Nitroso- diphenylamine	86-30-6	Benzenamine, N-nitroso-N-phenyl-
N-Nitrosodipropyl- amine;Di-n-propyl-nitrosamine	621-64-7	1-Propanamine, N-nitroso-N-propyl-
N-Nitroso-m- ethylethylamine	10595-95-6	Ethanamine, N-methyl- N-nitroso-
N-Nitrosomor- pholine	59-89-2	Morpholine, 4-nitroso-
N-Nitrosopiperi- dine	100-75-4	Piperidine, 1- nitroso-
N-Nitrosopyrroli- dine	930-55-2	Pyrrolidine, 1- nitroso-
5-Nitro-o- toluidine	99-55-8	Benzenamine,2-methyl-5-nitro-
Parathion	56-38-2	Phosphorothioic acid, O,O-diethyl-O-(4-nitro-phenyl) ester
Polychlorinated biphenyls; PCBs	See Note 5	1,1'-Biphenyl, chloro derivatives
Polychlorinated dibenzo-p-dioxins; PCDDs	See Note 6	Dibenzo[b,e][1,4]dioxin, chloro derivatives
Polychlorinated dibenzofurans; PCDFs	See Note 7	Dibenzofuran, chloro derivatives
Pentachlorobenzene	608-93-5	Benzene, pentachloro-
Pentachloroethane	76-01-7	Ethane, pentachloro-
Pentachloro- nitrobenzene	82-68-8	Benzene, pentachloro- nitro-
Pentachlorophenol	87-86-5	Phenol, pentachloro-
Phenacetin	62-44-2	Acetamide, N-(4-ethoxyphenyl)
Phenanthrene	85-01-8	Phenanthrene
Phenol	108-95-2	Phenol
p-Phenylenediamine	106-50-3	1,4- Benzenediamine
Phorate	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
2-Picoline	109-06-8	Pyridine, 2-methyl-
Pronamide	23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-pro-pynyl)-
Propionitrile; Ethyl cyanide	107-12-0	Propanenitrile
Pyrene	129-00-0	Pyrene
Pyridine	110-86-1	Pyridine
Safrole	94-59-7	1,3-Benzodioxole, 5- (2-propenyl)-
Selenium	(Total)	Selenium
Silver	(Total)	Silver
Silvex; 2,4,5-TP	93-72-1	Propanoic acid,2-(2,4, 5-trichlorophenoxy)-
Styrene	100-42-5	Benzene, ethenyl-
Sulfide	18496-25-8	Sulfide
2,4,5-T; 2,4,5-, Trichlorophenoxy-acetic acid	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
2,3,7,8-TCDD; 2,3,7,8-Tetra-chlorodibenzo-p-dioxin	1746-01-6	Dibenzo[b,e][1,4]dioxin 2,3,7,8-tetrachloro-
1,2,4,5-Tetra- chlorobenzene	95-94-3	Benzene, 1,2,4,5-tetrachloro-
1,1,1,2-Tetra- chloroethane	630-20-6	Ethane, 1,1,1,2- tetrachloro-
1,1,2,2-Tetra- chloroethane	79-34-5	Ethane, 1,1,2,2- tetrachloro-
Tetrachloro- ethylene; Perchloroethylene; Tetrachloroethene	127-18-4	Ethene, tetrachloro-
2,3,4,6-Tetra- chlorophenol	58-90-2	Phenol, 2,3,4,6- tetrachloro-
Tetraethyl dithio- pyrophosphate; Sulfotepp	3689-24-5	Thiodiphosphoric acid (((HO) ₂ P(S)) ₂ O), tetraethyl ester
Thallium	(Total)	Thallium
Tin	(Total)	Tin
Toluene	108-88-3	Benzene, methyl-
o-Toluidine	95-53-4	Benzenamine, 2-methyl-
Toxaphene	8001-35-2	Toxaphene
1,2,4-Tri-chlorobenzene	120-82-1	Benzene, 1,2,4-trichloro-
1,1,1-Tri-chloroethane; Methylchloroform	71-55-6	Ethane, 1,1,1-trichloro-
1,1,2-Tri- chloroethane	79-00-5	Ethane, 1,1,2-trichloro-
Trichloro- ethylene; Trichloroethene	79-01-6	Ethene, trichloro-
Trichlorofluoro-methane	75-69-4	Methane, trichlorofluoro-
2,4,5-Tri- chlorophenol	95-95-4	Phenol, 2,4,5-trichloro-
2,4,6-Tri- chlorophenol	88-06-2	Phenol, 2,4,6-trichloro-
1,2,3-Tri- chloropropane	96-18-4	Propane, 1,2,3-tri-chloro-
O,O,O-Triethyl phosphorothioate	126-68-1	Phosphorothioic acid, O,O,O- triethyl ester
sym-Trinitro- benzene	99-35-4	Benzene, 1,3,5- trinitro
Vanadium	(Total)	Vanadium
Vinyl acetate	108-05-4	Acetic acid, ethenyl ester
Vinyl chloride	75-01-4	Ethene, chloro-
Xylene (total)	1330-20-7	Benzene, dimethyl-

Table 4. Ground Water Monitoring List ¹		
Common Name ²	CAS RN ³	Chemical Abstracts Service Index Name ⁴
Zinc	(Total)	Zinc

¹The regulatory requirements pertain only to the list of substances.

²Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.

³Chemical Abstracts Service registry number. Where "Total" is entered, all species in the ground water that contain this element are included.

⁴CAS index names are those used in the ninth Cumulative Index.

⁵Polychlorinated biphenyls (CAS RN 1336-36-3); this category contains congener chemicals, including constituents of Aroclor-1016 (CAS RN 12674-11-2), Aroclor-1221 (CAS RN 11104-28-2), Aroclor-1232 (CAS RN 11141-16-5), Aroclor-1242 (CAS RN 53469-21-9), Aroclor-1248 (CAS RN 12672-29-6), Aroclor-1254 (CAS RN 11097-69-1), and Aroclor-1260 (CAS RN 11096-82-5).

⁶This category contains congener chemicals, including tetrachlorodibenzo-p-dioxins (see also 2,3,7,8-TCDD), pentachlorodibenzo-p-dioxins, and hexachlorodibenzo-p-dioxins.

⁷This category contains congener chemicals, including tetrachlorodibenzofurans, pentachlorodibenzofurans, and hexachlorodibenzofurans.

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 16:399 (May 1990), amended LR 18:1256 (November 1992), amended by the Office of Waste Services, Hazardous Waste Division, LR 24:1742 (September 1998), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1848 (October 2006).

Title 33

ENVIRONMENTAL QUALITY

Part VII. Solid Waste

Subpart 1. Solid Waste Regulations

Chapter 5. Solid Waste Management System

Subchapter D. Solid Waste Fees

§529. Annual Monitoring and Maintenance Fee

A. - B.2.b. ...

c. for construction or demolition debris deposited at permitted construction or demolition debris facilities (Type III facilities), \$0.20/ton; and the fee is only applicable to construction or demolition debris that is subject to a fee imposed by the facility;

d. for surface impoundments, no tonnage fee;

e. for publicly operated facilities that treat domestic sewage sludge, no tonnage fee; and

f. for Type I-A, II-A, III (except construction or demolition debris disposal facilities), and beneficial-use facilities, no tonnage fee.

B.3. - G. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2001 et seq and specifically 2014(D)(5).

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 Management and Finance, Fiscal Services Division, LR 22:18 (January 1996), LR 25:427 (March 1999), amended by the Office of Environmental Assessment, Environmental Planning Division, LR 29:689 (May 2003), LR 29:2051 (October 2003), amended by the Office of the Secretary, Legal Affairs Division, LR 32:2241 (December 2006).

Title 33

ENVIRONMENTAL QUALITY

Part IX. Water Quality

Subpart 1. Water Pollution Control

Chapter 1. General Provisions

§107. Definitions

Designated Water Use—Repealed.

Primary Contact—Repealed.

Secondary Contact—Repealed.

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 32:1852 (October 2006).

Subpart 2. The Louisiana Pollutant Discharge Elimination System (LPDES) Program

Chapter 71. Appendices

§7107. Appendix D—Permit Application Testing Requirements (LAC 33:IX.2501)

Table I. Testing Requirements for Organic Toxic Pollutants by Industrial Category for Existing Dischargers				
Industrial Category	GC/MS Fraction ⁽¹⁾			
	Volatile	Acid	Base/Neutral	Pesticides

[See Prior Text in Adhesives and Sealants – Petroleum Refining]				
Pharmaceutical Preparations	*	*	*	

[See Prior Text in Photographic Equipment and Supplies – Timber Products Processing]				

(1) The toxic pollutants in each fraction are listed in Table II.
* Testing required.

Table II. – Table V. Editorial Note. ...
For the duration of the suspensions, therefore, Table I effectively reads:

Table I. Testing Requirements for Organic Toxic Pollutants by Industry Category				
Industrial Category	GC/MS Fraction ⁽¹⁾			
	Volatile	Acid	Base/Neutral	Pesticides

[See Prior Text in Adhesives and Sealants - Foundries]				
Gum and Wood (All Subparts except D and F)	*	*		
Subpart D—tall oil rosin	*	*	*	
Subpart F—rosin-based derivatives	*	*	*	
Inorganic Chemicals Manufacturing	*	*	*	

[See Prior Text in Iron and Steel Manufacturing - Petroleum Refining]				
Pharmaceutical Preparations	*	*	*	
Photographic Equipment and Supplies	*	*	*	

[See Prior Text in Plastic and Synthetic Materials Manufacturing - Timber Products Processing]				

(1) The pollutants in each fraction are listed in Item V-C in the NPDES permit application.
*Testing required.

(February 2004), amended by the Office of the Secretary, Legal Affairs Division, LR 32:1852 (October 2006).

Table I.A. – Footnote †. ...

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 30:233

Title 33

ENVIRONMENTAL QUALITY

Part XI. Underground Storage Tanks

**Chapter 3. Registration
Requirements, Standards, and Fee
Schedule**

§301. Registration Requirements

A. – B.1. ...

a. tank and piping installation in accordance with LAC 33:XI.303.B.4;

b. cathodic protection of steel tanks and piping in accordance with LAC 33:XI.303.B.1-2;

B.1.c. – C.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).

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.

* * *

Byproduct Material—

1. ...

2. the tailings or wastes produced by the extraction or concentration of uranium or thorium (R.S. 30:2103) from ore processed primarily for its source material content, including discrete surface wastes resulting from uranium or thorium solution extraction processes. Underground ore bodies depleted by these solution extraction operations do not constitute byproduct material within this definition.

* * *

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).

Chapter 3. Licensing of Radioactive Material

Subchapter Z. Appendices

§399. Schedules A and B, and Appendices A, B, C, D, E, and F

Schedule A. – Note 4. ...

Schedule B Exempt Quantities	
Byproduct Material	Microcuries
Antimony 122 (Sb 122)	100
Antimony 124 (Sb 124)	10
Antimony 125 (Sb 125)	10

Schedule B Exempt Quantities	
Byproduct Material	Microcuries
Arsenic 73 (As 73)	100
Arsenic 74 (As 74)	10
Arsenic 76 (As 76)	10
Arsenic 77 (As 77)	100
Barium 131 (Ba 131)	10
Barium 133 (Ba 133)	10
Barium 140 (Ba 140)	10
Bismuth 210 (Bi 210)	1
Bromine 82 (Br 82)	10
Cadmium 109 (Cd 109)	10
Cadmium 115m (Cd 115m)	10
Cadmium 115 (Cd 115)	100
Calcium 45 (Ca 45)	10
Calcium 47 (Ca 47)	10
Carbon 14 (C 14)	100
Cerium 141 (Ce 141)	100
Cerium 143 (Ce 143)	100
Cerium 144 (Ce 144)	1
Cesium 131 (Cs 131)	1,000
Cesium 134m (Cs 134m)	100
Cesium 134 (Cs 134)	1
Cesium 135 (Cs 135)	10
Cesium 136 (Cs 136)	10
Cesium 137 (Cs 137)	10
Chlorine 36 (Cl 36)	10
Chlorine 38 (Cl 38)	10
Chromium 51 (Cr 51)	1,000
Cobalt 58m (Co 58m)	10
Cobalt 58 (Co 58)	10
Cobalt 60 (Co 60)	1
Copper 64 (Cu 64)	100
Dysprosium 165 (Dy 165)	10
Dysprosium 166 (Dy 166)	100
Erbium 169 (Er 169)	100
Erbium 171 (Er 171)	100
Europium 152 9.2h (Eu 152 9.2h)	100
Europium 152 13 yr (Eu 152 13 yr)	1
Europium 154 (Eu 154)	1
Europium 155 (Eu 155)	10
Fluorine 18 (F 18)	1,000
Gadolinium 153 (Gd 153)	10
Gadolinium 159 (Gd 159)	100
Gallium 67 (Ga 67)	100
Gallium 72 (Ga 72)	10
Germanium 71 (Ge 71)	100
Gold 198 (Au 198)	100
Gold 199 (Au 199)	100
Hafnium 181 (Hf 181)	10
Holmium 166 (Ho 166)	100
Hydrogen 3 (H 3)	1,000
Indium 113m (In 113m)	100
Indium 114m (In 114m)	10
Indium 115m (In 115m)	100
Indium 115 (In 115)	10
Iodine 125 (I 125)	1
Iodine 126 (I 126)	1
Iodine 129 (I 129)	0.1
Iodine 131 (I 131)	1
Iodine 132 (I 132)	10
Iodine 133 (I 133)	1
Iodine 134 (I 134)	10
Iodine 135 (I 135)	10
Iridium 192 (Ir 192)	10
Iridium 194 (Ir 194)	100
Iron 55 (Fe 55)	100
Iron 59 (Fe 59)	10

Schedule B Exempt Quantities	
Byproduct Material	Microcuries
Krypton 85 (Kr 85)	100
Krypton 87 (Kr 87)	10
Lanthanum 40 (La 140)	10
Lutetium 177 (Lu 177)	100
Manganese 52 (Mn 52)	10
Manganese 54 (Mn 54)	10
Manganese 56 (Mn 56)	10
Mercury 197m (Hg 197m)	100
Mercury 197 (Hg 197)	100
Mercury 203 (Hg 203)	10
Molybdenum 99 (Mo 99)	100
Neodymium 147 (Nd 147)	100
Neodymium 149 (Nd 149)	100
Nickel 59 (Ni 59)	100
Nickel 63 (Ni 63)	10
Nickel 65 (Ni 65)	100
Niobium 93m (Nb 93m)	10
Niobium 95 (Nb 95)	10
Niobium 97 (Nb 97)	10
Osmium 185 (Os 185)	10
Osmium 191m (Os 191m)	100
Osmium 191 (Os 191)	100
Osmium 193 (Os 193)	100
Palladium 103 (Pd 103)	100
Palladium 109 (Pd 109)	100
Phosphorus 32 (P 32)	10
Platinum 191 (Pt 191)	100
Platinum 193m (Pt 193m)	100
Platinum 193 (Pt 193)	100
Platinum 197m (Pt 197m)	100
Platinum 97 (Pt 197)	100
Polonium 210 (P 210)	0.1
Potassium 42 (K 42)	10
Praseodymium 142 (Pr 142)	100
Praseodymium 143 (Pr 143)	100
Promethium 147 (Pm 147)	10
Promethium 149 (Pm 149)	10
Rhenium 186 (Re 186)	100
Rhenium 188 (Re 188)	100
Rhodium 103m (Rh 103m)	100
Rhodium 105 (Rh 105)	100
Rubidium 86 (Rb 86)	10
Rubidium 87 (Rb 87)	10
Ruthenium 97 (Ru 97)	100
Ruthenium 103 (Ru 103)	10
Ruthenium 105 (Ru 105)	10
Ruthenium 106 (Ru 106)	1
Samarium 151 (Sm 151)	10
Samarium 153 (Sm 153)	100
Scandium 46 (Sc 46)	10
Scandium 47 (Sc 47)	100
Scandium 48 (Sc 48)	10
Selenium 75 (Se 75)	10
Silicon 31 (Si 31)	100
Silver 105 (Ag 105)	10
Silver 110m (Ag 110m)	1
Silver 111 (Ag 111)	100
Sodium 24 (Na 24)	10
Strontium 85 (Sr 85)	10
Strontium 89 (Sr 89)	1
Strontium 90 (Sr 90)	0.1
Strontium 91 (Sr 91)	10
Strontium 92 (Sr 92)	10
Sulfur 35 (S 35)	100
Tantalum 182 (Ta 182)	10
Technetium 96 (Tc 96)	10

Schedule B Exempt Quantities	
Byproduct Material	Microcuries
Technetium 97m (Tc 97m)	100
Technetium 97 (Tc 97)	100
Technetium 99m (Tc 99m)	100
Technetium 99 (Tc 99)	10
Tellurium 125m (Te 125m)	10
Tellurium 127m (Te 127m)	10
Tellurium 127 (Te 127)	100
Tellurium 129m (Te 129m)	10
Tellurium 129 (Te 129)	100
Tellurium 131m (Te 131m)	10
Tellurium 132 (Te 132)	10
Terbium 60 (Tb 160)	10
Thallium 200 (Tl 200)	100
Thallium 201 (Tl 201)	100
Thallium 202 (Tl 202)	100
Thallium 204 (Tl 204)	10
Thulium 170 (Tm 170)	10
Thulium 171 (Tm 171)	10
Tin 113 (Sn 113)	10
Tin 125 (Sn 125)	10
Tungsten 181 (W 181)	10
Tungsten 185 (W 185)	10
Tungsten 187 (W 187)	100
Vanadium 48 (V 48)	10
Xenon 131m (Xe 131m)	1,000
Xenon 133 (Xe 133)	100
Xenon 135 (Xe 135)	100
Ytterbium 175 (Yb 175)	100
Yttrium 90 (Y 90)	10
Yttrium 91 (Y 91)	10
Yttrium 92 (Y 92)	100
Yttrium 93 (Y 93)	100
Zinc 65 (Zn 65)	10
Zinc 69m (Zn 69m)	100
Zinc 69 (Zn 69)	1,000
Zirconium 93 (Zr 93)	10
Zirconium 95 (Zr 95)	10
Zirconium 97 (Zr 97)	10
Any byproduct material not listed above other than alpha-emitting byproduct material.	0.1

Appendix A. – Appendix 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), 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).