Industrial Wastewater Discharge (IND) Permit Application Instructions

These instructions are intended to accompany the Industrial Wastewater Discharge Permit Application (IND) for a Louisiana Pollutant Discharge Elimination System (LPDES) permit, authorized under the Environmental Protection Agency's (EPA) delegated National Pollutant Discharge Elimination System (NPDES) program in accordance with the Clean Water Act.

In accordance with LAC 33:IX.2501.E.1, the state administrative authority shall not issue a permit before receiving a complete application for a permit. An application is complete when the state administrative authority receives an application form and any supplemental information that are completed to his or her satisfaction. The completeness of any application for a permit shall be judged independently of the status of another permit application or permit for the same facility. **To be considered complete, every item on the form must be addressed, the checklist must be completed and included, and the last page signed by an authorized company agent.** Do **not** leave any response area blank **unless directed** to skip it. If an item does not apply, please enter/select "NA" (for not applicable) to show that the question was considered. In accordance with LAC 33:IX.3103.D, if an applicant fails or refuses to correct deficiencies in the application, the permit may be denied and appropriate enforcement actions may be taken. Processing of a permit shall not begin until the applicant has fully complied with the application requirements for that permit (see LAC 33:IX.2501).

In accordance with LAC 33:IX.2501.D.2, all permittees with currently effective permits shall submit a new application at least 180 days before the expiration date of the existing permit unless the state administrative authority grants permission to submit an application later than the deadline for submission otherwise applicable but no later than the expiration date. If an application is not submitted before the existing permit expires, the existing permit may be terminated.

Fees: Applicable fees (draft and annual) will be sent under separate invoices. **DO NOT** submit fees with this application.

Please be advised that completion of this application may not fulfill all state, federal, or local requirements for facilities of this size and type.

According to La. R. S. 48:385, any discharge to a state highway ditch, cross ditch, or right-of-way shall require approval from:

Louisiana DOTD
Office of Engineering
Road Design Section
Post Office Box 94245
Baton Rouge, LA 70804-9245
(225) 379-1927

AND

Louisiana Department of Health
Office of Public Health
Center for Environmental Health Services
Post Office Box 4489
Baton Rouge, LA 70821-4489
(225) 342-7499

In addition, the plans and specifications for sanitary treatment plants must be approved by the Louisiana Department of Health, Office of Public Health at the address above.

Your **completed application**, with a marked **U.S.G.S. Quadrangle map** or equivalent attached, should be submitted to:

Mailing Address:
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, LA 70821-4313
Attention: Water Permits Division

Physical Address: (if hand delivered)
Department of Environmental Quality
Office of Environmental Services
602 N. Fifth Street
Baton Rouge, LA 70802
Attention: Water Permits Division

A copy of the LPDES regulations may be obtained from the Department's website at https://www.deq.louisiana.gov/resources/category/regulations-lac-title-33. Water Quality regulations are addressed in Part IX, Water Quality.

For questions regarding this application, please contact the Water Permits Division by email at DEQ-WWWWaterPermits@la.gov or by phone at (225) 219-9371. For help regarding completion of this application, please contact DEQ, Small Business / Small Community Assistance by email at sbap@la.gov or by phone at 1-800-259-2890.

The following information is **required** for all new, modification, or renewal permit applications.

Provide the Agency Interest (AI) Number. The AI number is a site-specific number assigned to a facility by the Department that identifies the facility in a distinct geographical location.

Provide the LPDES Number: The LPDES number is an individual permit number assigned to the LPDES permit for this facility. If this is an initial permit, put N/A.

Specify the application type. The application types are defined in the table below.

Initial Permit (New Facility)	For applicants requesting coverage for a new facility
Initial Permit (Existing Facility)	For applicants requesting coverage for a facility that is existing but does not have an individual LPDES permit
Modification (Existing Facility)	For applicants that want to make changes to an existing permit that is not due to be renewed
Renewal (Existing Facility)	For applicants that want to renew or revoke and reissue an existing permit

Section I – General Information (LAC 33:IX.2501.F)

1. Provide the information below for the facility for which the application is being submitted.

   Applicant/Operator – Provide the official or legal name of the applicant/owner. This name should match the name used to register with the Secretary of State if registration is required.

   Facility Name – Provide the name of the facility for which coverage is being requested.

   Mailing Address – Provide a complete mailing address where the permitting authority should send correspondence.

   Company Phone Number – Provide the telephone number associated with the facility that is requesting the LPDES permit.

2. Facility location – Provide the physical location of the facility identified in Item 1 of this section. If the facility lacks a street name or route number (e.g. 602 N 5th Street), give the most accurate, alternative geographic information (e.g., section number or quarter section number from parish records or “at intersection of Routes 425 and 22"). If facility is a mobile barge facility, location information in Attachment D of the application must also be completed.

3. Front Gate Coordinates – Provide the latitude and longitude for the front gate of the facility in degrees, minutes, seconds, and thousands. The method of determination (quad map, previous permit, website, GPS, etc.) must also be provided.

4. Indicate whether or not the facility is located on Indian Lands.

5. Identify the facility status as federal, state, private, public, or other entity. If other is chosen, please identify.

6. If the applicant listed in Item 1 of this section is not also the owner, provide the owner’s name, phone number, ownership status, mailing address, and email address.

7. Facility Contact Information – Provide the name, title, email address, and phone number of the person that the permitting authority can contact in reference to this application.

8. Facility Emergency Contact – Provide the name, title, email address, and phone number of the facility contact that should be contacted in case of an emergency.

9. Person who Completed the Application – Provide the name, title, company, mailing address, phone number, and email address of the person who completed the application and indicate whether or not this person may be contacted for questions regarding this application.

10. Billing Contact Information – Provide the name, title, company, mailing address, phone number, and email address of the facility billing contact.

Section II – Facility Information (LAC 33:IX.2501.F and R and 40 CFR 125.81 and 125.91)

1. Facility Type – Identify the type of facility for which a permit is being requested (ex. cannery, petroleum refinery, dairy, etc.)

2. Standard Industrial Classification (SIC) Code(s) – Provide up to four SIC codes which best reflect the principal products or services provided by the facility. SIC codes can be obtained from the U.S. Department of Labor website at: https://www.osha.gov/data/sic-search.

3. Applicable North American Industry Classification System (NAICS) Code: Provide up to four NAICS codes that best reflect the principal products or services provided by the facility. NAICS codes are published in the North American Industrial Classification System Manual or on the website at: http://www.census.gov/naics.

4. Nature of Business – Provide a brief description of the nature of the business. Additional pages may be attached as necessary.

5. Water Discharge Permit Revision(s) – Provide any requested water discharge permit revision(s). Additional pages may be attached as necessary.

6. Existing Environmental Permits – Indicate whether the facility has any of the environmental permits listed below and in Item 6 of this section in the application, and provide the corresponding permit number for each one.

NPDES/LPDES	RCRA (Hazardous Waste)
Underground Injection Control (UIC)	Prevention of Significant Deterioration (PSD)
Nonattainment Program (CAA)	NESHAPs (CAA)
Ocean Dumping (MPRSA)	Dredge or Fill (CWA Section 404)
Other federal, state, or local environmental permits – specify type and provide permit number	

7. Please identify each source of supply water and the amount in gallons per day (GPD).

8. Cooling Water Intake Information

   Section 316(b) of the Clean Water Act (CWA) is applicable to a facility if the facility operates a cooling water intake structure (CWIS). Facilities which use or propose to use one or more cooling water intake structure(s) with a cumulative design intake flow of greater than 2 million gallons per day (MGD) of cooling water withdrawn from surface waters and uses at least 25% for cooling are also subject to categorical requirements of the 316(b) rule (see 40 CFR 125.81 and 125.91). Information about 316(b) may be found on the EPA 316(b) website: https://www.epa.gov/cooling-water-intakes.

   Information in Section II.8 of the application **must** be provided if the facility has an intake structure and uses the water for cooling purposes, whether or not categorical requirements of the 316(b) rule are applicable to the facility. Additionally, if 316(b) categorical requirements are applicable to the facility, Attachment C **must also** be completed.

   a. Indicate whether this facility uses or proposes to use water for cooling purposes.

   b. Indicate whether water is provided to other facilities for cooling purposes. If water withdrawn from your intake structure is sent to other facilities that use the water for cooling purposes, the percentage of water sent to that facility and used for cooling purposes must also be accounted for when determining applicability of categorical requirements.

   c. Indicate whether cooling water is obtained from a groundwater source (e.g. on-site well) and identify the source. In addition, you must confirm that cooling water will not be obtained from another source besides the groundwater source identified.*

Section II – Facility Information (LAC 33:IX.2501.F and R and 40 CFR 125.81 and 125.91) (Continued)

8. Cooling Water Intake Information (Continued)

*If you have identified that groundwater is the source for cooling water and cooling water will not be obtained from another source, proceed to Item 9 of Section II. If you answered "no" to either question in Item c of this Section, proceed to Item d.

d. Cooling Water Supplier

i. Provide the name of the owner(s) and operator(s) for **each** CWIS that supplies or will supply water to the facility for cooling purposes. Additional pages may be attached as necessary. The CWIS ID (e.g. CWIS #1, Riverside CWIS, etc.), owner, operator, and LPDES permit number for **each** structure **must** be provided.

ii. Indicate if cooling water is or will be obtained from a Public Water Supply (PWS) (i.e. potable water) and provide the name of the water supplier. If cooling water is or will be obtained from a PWS, stop here and proceed to Item 9 of Section II – Source Water.*

*NOTE: If you obtain water by transfer from the Sabine River Authority (SRA), **you are responsible** for applicable 316(b) requirements at your facility's intake location.

iii. Indicate if cooling water is or will be obtained from an Independent Supplier. If cooling water will be obtained from an Independent Supplier, contact Christy Clark by phone at (225) 219-3528 to determine what application materials are required. Attach copies of the correspondence with LDEQ, and any required application materials, as stipulated in the correspondence with LDEQ.

iv. Indicate whether or not Section 316(b) of the CWA is applicable to your facility. Section 316(b) of the CWA is applicable to a facility if the facility operates a CWIS whether or not the facility is subject to categorical requirements.

v. The following information is **required** for facilities that are not subject to 316(b) categorical requirements but are subject to 316(b) of the CWA.

1. Indicate what waterbody the water is withdrawn from.

2. Indicate the type of waterbody the water is withdrawn from (ex. river, stream, lake, reservoir, estuary, tidal river, etc.).

3. Indicate what the water withdrawn is used for including percentages for each use.

4. Indicate the Design Intake Flow (DIF) in MGD. The DIF is the value assigned during the cooling water intake structure design to the maximum instantaneous rate of flow of water the cooling water intake system is capable of withdrawing from a source waterbody.

5. Indicate the Actual Intake Flow (AIF) in MGD. The AIF is the average volume of water withdrawn on an annual basis by the cooling water intake structure(s) over the previous five years.

6. Indicate how often water is withdrawn.

7. Indicate whether water is withdrawn all year or just certain times of the year.

8. Describe the intake structure and cooling water system and how it operates. Additional pages may be attached as necessary.

9. Indicate if the water is recycled.

10. Indicate if intake flow is minimized by using a closed cycle system or reusing process water for cooling water purposes.

Section II – Facility Information (LAC 33:IX.2501.F and R and 40 CFR 125.81 and 125.91) (Continued)

8. Cooling Water Intake Information 8.d.v (Continued)

    11. Indicate if there are cooling towers. If there are cooling towers, please indicate the number of cycles of concentration (COC) there are for **each** cooling tower.

    12. Indicate how much of the mean annual streamflow of the waterbody is being withdrawn.

    13. Indicate if there are any threatened and/or endangered species in the area of the intake. (https://ipac.ecosphere.fws.gov).

    14. Identify any other documented issues.

9. Indicate if the source water is different from the receiving waters. If yes, list the source and describe the quality of the source water (e.g. fresh, brackish, marine, etc.).

10. Indicate if there is a surface water intake for domestic drinking water supply located within fifty (50) miles downstream of the point or proposed point of discharge.

11. Indicate if a variance is being requested and indicate what type. Variance types are specified at LAC 33:IX.2501.L and are listed below. Attach additional pages as necessary.

    In accordance with LAC 33:IX.2501.L, a discharge who is not a publically owned treatment works (POTW) may request a variance from otherwise applicable effluent limitations under any of the following statutory or regulatory provisions.

    - Fundamentally Different Factors
    - Nonconventional Pollutants
    - Water Quality Related Effluent Limitations (www.epa.gov/wqs-tech/water-quality-standards-variances)
    - Thermal Discharges

Section III – Facility Operations (LAC 33:IX.2501.F, G, and H)

Facility Operations

1. Describe **all** processes, in a comprehensive fashion, which produce industrial wastewater discharged into waters of the State. Include a description of the composition of any boiler blowdown and/or cooling water additives and corrosion inhibitors (include MSDS Sheets as an attachment to the application). Attach additional pages as necessary.

2. Provide a summary of **all** products produced, including intermediate products, and services performed at the facility. Attach additional pages if necessary.

3. List all raw materials stored on site and/or used in the process. Attach additional pages as necessary.

4. Indicate if the facility manufactures or manages preproduction plastics.

5. Indicate if the facility is subject to any effluent guidelines (ELGs) promulgated by EPA under Section 304 of the CWA.

    Note: If the facility is classified as one of the following types, the appropriate attachment must be completed as specified below.

    - Petroleum Refineries must complete Attachment B.
    - Barge Cleaning and/or Repair facilities must complete Attachment C.
    - Seafood Processing Facilities must complete Attachment E.

Section III – Facility Operations (LAC 33:IX.2501.F and G) (Continued)

Facility Operations (Continued)

5. Indicate if the facility is subject to any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA.(continued)

   Table 5-1 – If the facility is subject to ELGs, Table 5-1 **must** be completed for all applicable ELGs. Provide the ELG category, ELG Subcategory/Subpart, Subpart Fraction of Total (if applicable), and the Regulatory Citation. This information must be provided for **each** ELG (see LAC 33:IX.2501.G.5).

   If your facility is classified as a Petroleum Refinery and is subject to the ELGs under 40 CFR 419, Attachment B **must** also be completed.

   Indicate if any of the ELGs are expressed in terms of production or other measure of operation (e.g. pounds per day, lbs/day).

   Table 5-2 – Provide the outfall number, operation/product/material, quantity per day, and the unit of measure for each applicable ELG. In accordance with LAC 33:IX.2501.G.5, a reasonable measure of **actual production** for the facility must be submitted in the units used in the applicable effluent guideline. Additionally, in accordance with LAC 33:IX.2709.B.2.a, calculation of any permit limitations, standards, or prohibitions which are based on production (or other measure of operation) shall be based not upon the designed production capacity but rather upon a reasonable measure of actual production for the facility. For new sources or new discharges, actual production shall be estimated using projected production.

   Table 5-3 must be completed if an increase to the production rate is planned. This information must be provided in addition to the current production rate.

6. Zebra Mussels – Describe any treatment employed or planned at the facility to eliminate/combat zebra mussel incursion.

7. Indicate if any alternative methods of wastewater disposal other than discharge (e.g. deep well injection, land application, spray irrigation, evaporation, etc.) are employed at the facility.

   If an alternative method is used, use the table provided to identify the wastewater disposal method and percentage and/or fraction of wastewater disposed.

Section IV – Facility History

1. Indicate if the current operator is the original operator for the facility.

   If the operator is the current or original operator, provide the date operations began or plan to begin at the site.

   If the operator is not the original or current operator, use the table to provide a reverse chronological list of previous operators including the company, telephone number (if available), and the dates through which that company operated the facility.

2. Indicate if this is new construction and describe the property prior to construction (e.g. undisturbed or previous structure at the site).

3. If this is a new construction, provide the date the facility was or will be completed.

4. Indicate which of the following categories apply to the facility.

   - Existing facility with no construction activities related to the application proposed.
   - Proposed facility and construction activities are not yet complete, but approval from the State Historic Preservation Officer (SHPO) for the proposed construction activities has been obtained. A copy of the approval letter from SHPO **must** be attached to the application.
   - Proposed facility and construction activities are not yet complete. No approval has been obtained.

Section IV – Facility History (Continued)

If this application is being completed for a facility that has not yet been cleared or excavated, the applicant must contact the Section 106 Review Coordinator in the Office of Cultural Development, Archaeology Division (Email: section106@crt.la.gov or Telephone: (225) 342-8200) to determine if construction activities or the proposed discharges will adversely affect properties listed or eligible for listing in the National Register of Historic Places. For more information, visit https://www.crt.state.la.us/cultural-development/archaeology/CRM/section-106/submit-a-project-for-section-106-review/index

5. Indicate if the applicant is required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges in this application. If yes, briefly identify each project in the table.

   Indicate if there are additional sheets attached that outline additional water pollution control programs (or other environmental projects that may affect your discharges) that are now have under way or are planned (optional).

Section V – Outfall Identification

Definitions

Outfalls – discharge points. An external outfall is a discrete discharge point beyond which the wastestream receives no further mixing with other wastestreams prior to discharging into a receiving waterbody. An internal outfall is an outfall for a wastestream that combines with other wastestream(s) before discharging into an "external" outfall.

Process Wastewater – In accordance with the definitions listed at LAC 33:IX.2313, process wastewater is any water, which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

Non-process and Miscellaneous Wastewaters – wastewaters that do not include process wastewaters, as defined at LAC 33:IX.2313. (e.g. hydrostatic test water, eye wash, safety shower water, condensates, stormwater – only if mixed with other waters, etc.)

Sanitary Wastewaters – wastewaters that include human metabolic and domestic wastes.

Required Outfall Information

Use the outfall information pages found in Section V and listed below for outfalls that discharge from the facility.

For outfalls that contain **process and/or non-process and miscellaneous wastewaters mixed with stormwater**, provide the information requested in **Section V – Outfall Information, Other Wastewaters**.

For outfalls that contain **sanitary wastewater ONLY**, provide the information requested in **Section V – Outfall Information, Sanitary Wastewater ONLY**.

For outfalls that contain **stormwater runoff ONLY**, provide the information requested in **Section V – Outfall Information, Stormwater Runoff ONLY**.

NOTE: For ALL outfalls, provide after-treatment test results in the units requested in Section VII (Effluent Analysis) of the application. Sampling shall be performed prior to mixing with any other waters. For proposed facilities, estimates shall be provided for any expected contaminants even though the facility is not in place yet.

1. Outfall Identification (LAC 33:IX.2501.G.3) – Provide a narrative identification of each type of process, operation, or production area which contributes wastewater to the effluent for each outfall, including process wastewater, sanitary wastewater, cooling water, and stormwater runoff; the long term average and maximum 30-day flows (defined below), in MGD, which each process contributes; and a description of the treatment the wastewater receives, including the ultimate disposal of any solid or fluid wastes other than discharge. Processes, operations, or production areas may be described in general terms (for example, dye-making reactor, distillation tower). For a privately owned treatment works, this information shall include the identity of each user of the treatment works. The average flow of point sources composed of stormwater may be estimated. The basis for the rainfall event and the method of estimation must be

indicated. For facilities not currently operating, best engineering judgment information is **required**.

Long Term Average Flow – the sum of all of the monthly average values measured over the previous two years divided by the number of monthly average values measured within the same period.

Maximum 30-Day Flow – the maximum monthly average value is the highest value of all the monthly averages over the previous two years.

Section V – Outfall Information, Other Wastewaters

Provide the following information for **each** outfall, **including** internal outfalls that are not comprised of only sanitary wastewater or stormwater. Do **not** complete this section for discharges that contain sanitary or stormwater discharges **only**. Attach additional pages if necessary.

1. Outfall Location (Latitude and Longitude of Discharge) – Provide the latitude and longitude to the nearest 15 seconds in the degrees, minutes, and seconds (DMS) format.

2. Outfall Sampling Location – Provide a description of the physical location/sampling point of each outfall (e.g. at the point of discharge from the treatment facility located on the southwest corner of the facility, prior to combining with other waters).

3. Identify if this is a new discharge. If this is a new discharge, provide the date the discharge is expected to begin.

4. Discharge Route – Indicate how the wastewater reaches waters of the state (i.e. named waterbodies). Be sure to specifically name all minor waterbodies that the wastewater will travel through prior to reaching a major waterbody **and** the distance traveled through each (see LAC 33:IX.6505.B.2).

5. Identify the frequency of flow as continuous, intermittent, or batch. If the discharge is not a continuous discharge (definition below), give a detailed description of the frequency of flow (e.g. number of months per year, number of days per week, number of hours per day, number of hours of discharge per batch, number of batches per day, etc.).

   Continuous Discharge - LAC 33:IX.2313 defines a continuous discharge as a discharge which occurs without interruption throughout the operating hours of the facility, except for infrequent shutdowns of maintenance, process changes, or other similar activities.

6. Treatment Method – Identify the treatment method by providing a description of the treatment unit (including size of each treatment unit, flow rate through each treatment unit, retention time, etc.). Attach additional pages as necessary.

7. Flow information – List all contributing flows for the outfall and provide the long term average and maximum 30-day flows in MGD and the treatment description for each operation.

8. Intermittent Flows – With the exception of stormwater runoff, leaks, or spills, indicate if there are any discharges that are intermittent or seasonal. If any of the flows are intermittent or seasonal, provide a description of the operation, frequency, duration, and flow rate of each discharge occurrence.

Section V – Outfall Information, Sanitary Wastewater **ONLY**

Provide the following information for each outfall (including internal outfalls) that consist of sanitary wastewater **only**. Attach additional pages as necessary.

1. Outfall location (Latitude and Longitude of Discharge) – Provide the latitude and longitude to the nearest 15 seconds in the degrees, minutes, and seconds (DMS) format.

2. Outfall Sampling Location – Provide a description of the physical location/sampling point of each outfall (e.g. at the point of discharge from the treatment facility located on the southwest corner of the facility, prior to combining with other waters).

3. Identify if this is a new discharge. If this is a new discharge, provide the date the discharge is expected to begin.

Section V – Outfall Information, Sanitary Wastewater **ONLY** (Continued)

4. Discharge route – Indicate how the wastewater reaches waters of the state (i.e. named waterbodies). Please be sure to specifically name all minor waterbodies that the wastewater will travel through prior to reaching a major waterbody **and** the distance traveled through each (see LAC 33:IX.6505.B.2).

5. Identify the frequency of flow as continuous, intermittent, or batch. If the discharge is not a continuous discharge, please give a detailed description of the frequency of flow (e.g. number of months per year, number of days per week, number of hours per day, number of hours of discharge per batch, number of batches per day, etc.)

   Continuous Discharge – LAC 33:IX.2313 defines a continuous discharge as a discharge which occurs without interruption throughout the operating hours of the facility, except for infrequent shutdowns of maintenance, process changes, or other similar activities.

6. Treatment Method – Identify the treatment method by providing a description of the treatment unit (including size of each treatment unit, flow rate through each treatment unit, retention time, etc.). Attach additional pages as necessary.

7. Design Capacity – Provide the design capacity and identify the units (MGD or GPD).

8. If sanitary wastewater is not discharged to surface waters, indicate one of the following disposal methods.

   a. Individual treatment system discharged through a septic tank to underground absorption lines. Indicate if there is an over flow pipe.

      NOTE: If an over flow pipe exists, authorization under the LPDES permit may be required.

   b. Connection to a Publically Owned Treatment Works (POTW) – Provide the permit number of the POTW.

   c. Connection to a Privately Owned Treatment Works – Provide the permit number of the Privately Owned Treatment Works.

   d. Other – Specify the disposal method.

Section V – Outfall Information, Stormwater Runoff **ONLY** – Provide the following information for each outfall that contains stormwater runoff **ONLY**. Do **NOT** include stormwater outfalls covered by an alternate LPDES permit. Provide your after-treatment test results in the units asked for in the application. Sampling shall be performed prior to mixing with any other waters. For proposed facilities, estimates should be provided for any expected contaminants even though the facility is not in place yet. Provide all information for **each** stormwater outfall.

1. Outfall location (Latitude and Longitude of Discharge) – Provide the latitude and longitude to the nearest 15 seconds in the degrees, minutes, and seconds (DMS) format.

2. Outfall sampling location – Provide a description of the physical location/sampling point of each outfall (e.g. at the point of discharge from the treatment facility located on the southwest corner of the facility, prior to combining with other waters).

3. Identify if this is a new discharge. If this is a new discharge, provide the date the discharge is expected to begin.

4. Discharge route – Indicate how the wastewater reaches waters of the state (i.e. named waterbodies). Be sure to specifically name all minor waterbodies that the wastewater will travel through prior to reaching a major waterbody **and** the distance traveled through each (see LAC 33:IX.6505.B.2).

5. Treatment Method – Identify the treatment method by providing a description of the treatment unit (including size of each treatment unit, flow rate through each treatment unit, retention time, etc.). Attach additional pages as necessary.

Section V – Outfall Information, Stormwater Runoff **ONLY** (Continued)

6. Storm Event Data – The following information **must** be completed for **each** stormwater outfall containing analytical data from a stormwater event: outfall number, date of storm event, duration of storm event (in minutes), total rain during storm event (in inches), number of hours between beginning of storm measured and end of previous rain event, maximum flow rate during event (gallons/minute), and total stormwater flow from event (gallons). A description of the method of flow measurement or estimate is also required.

7. Additional Information

    1. Acreage – Provide the acreage covered by this outfall.

    2. List of stored chemicals and products – List **all** chemicals and petroleum products stored outside and provide a description of the containment area for each chemical. Attach additional pages if necessary.

    3. Significant Materials – Provide the following information for **each** significant material that is currently or has in the past three years been treated, stored, or disposed of in a manner to allow stormwater exposure:

        1) Name of significant material

        2) Method of treatment, storage, or disposal

        3) Materials management practices employed in the past three years to minimize contact by these materials to stormwater runoff

        4) Description of the loading and access area(s) for each significant material that is currently or has, in the past three years, been treated, stored, or disposed of in a manner to allow stormwater exposure.

        5) Provide the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

    4. History of Leaks and Spills – Provide information regarding the history of significant leaks or spills of toxic or hazardous pollutants that have taken place within the three years prior to the submittal of this application, including the approximate date and location of the spill or leak and the type and amount of material released.

    5. Non-Stormwater Discharge Determination – Indicate if all outfalls that contain stormwater discharges associated with industrial activity have been tested or evaluated for the presence of non-stormwater discharges which are not covered by an LPDES permit. A description of the method used to make this determination, the date of any testing, and the on-site drainage points that were directly observed during a test is are also required.

        *NOTE: For any stormwater outfall covered by this application, the signature on page 66 of the application constitutes certification that the outfalls have been tested or evaluated for the presence of non-stormwater discharges and that all non-stormwater discharges from these outfalls are identified in this application (see LAC 33:IX.2511.C.1.a.iii).

    6. Alternate Permit Information – Indicate if there are stormwater discharges covered by the Multi-Sector Stormwater General Permit and if the facility has a Stormwater Pollution Prevention Plan (SWPPP).

Section VI – Effluent Characteristics

Tables outlining required effluent monitoring can be found on pages 13-18 of this document. In addition to providing the data required, the permittee must also answer questions 2-10 of this section.

1. Primary Industry Category – Select the primary industry category (categories) applicable to the facility and indicate the Gas Chromatography/Mass Spectroscopy (GC/MS) fraction(s) (Volatiles, Acids, Base/Neutrals, Pesticides/PCBs) testing required for each category. If any of the facility's processes that contribute wastewater are subject to one or more of the categories, that category is applicable to the facility. A reference table listing the primary industry categories and testing requirements can be found in Appendix A (page 25) of this document and at LAC 33:IX.7107.Appendix D. If the facility is not subject to any of the primary industry categories, select "Not Applicable" from the dropdown menu. The organic toxic pollutants in each of the four fractions are listed in Section VI, Table 3 and LAC 33:IX.7107.Appendix D.

2. Waiver Request – Per LAC 33:IX.2501, the state administrative authority may waive the reporting requirements for one or more of the pollutants listed in the table below if the applicant has demonstrated that such a waiver is appropriate because information adequate to support issuance of a permit can be obtained with less stringent requirements.

   Approval of a requested waiver is not guaranteed. Valid justification, as determined by the permitting authority, is required in order for a waiver to be considered. **Waivers will be granted on a case-by-case basis, at the permitting authority's discretion, for the pollutants listed in the table below.** For existing manufacturing, commercial, mining, and silvicultural dischargers, parameters for which a waiver can be requested are listed at LAC 33:IX.2501.G.7.c. For manufacturing, commercial, and silvicultural facilities that discharge only non-process wastewater, parameters for which a waiver can be requested are listed at LAC 33:IX.2501.H.4.a. For new manufacturing, commercial, mining and silvicultural discharges, parameters for which a waiver can be requested are listed at LAC 33:IX.2501.K.5.a. If you are unsure as to whether or not a waiver is appropriate, please contact the Water Permits Division for additional information.

Parameter	
Biochemical Oxygen Demand (BOD)	pH
Chemical Oxygen Demand (COD)	Ammonia (as N)
Total Organic Carbon (TOC)	Flow (LAC 33:IX.2501.H.4.b or K.5.a ONLY)
Total Suspended Solids (TSS)	Fecal Coliform (LAC 33:IX.2501.H.4.b ONLY)
Temperature (Winter)	Total Residual Chlorine (TRC) (LAC 33:IX.2501.H.4.b ONLY)
Temperature (Summer)	Oil and Grease (LAC 33:IX.2501.H.4.b ONLY)

   If requesting a waiver, select the parameter(s) for which a waiver is being requested in the table provided in the application. Identification of the outfall, parameter, and justification are also **required**.

3. Conventional and Nonconventional Pollutants (Table I) –
   - Confirm that all required monitoring for the parameters listed in Table I for which a waiver has not been requested has been completed.

4. Other Toxic Pollutants: Toxic Metals, Cyanide, and Total Phenols (Table II) –
   - If testing for the pollutants in this table is required, select "yes."
   - If testing is not required for these parameters, select "no" or "N/A."
   - Confirm if the applicant is required to identify the pollutants in this table as "believed present" or "believed absent" by selecting "yes" or "no," or, if the applicant is not required to report "believed present" or "believed absent," select "N/A."
   - Confirm that you have provided (1) quantitative data for those pollutants for which you have indicated testing is required or (2) quantitative data or other information for those pollutants you have indicated "believed present" in your discharge.

5. Indicate whether or not the applicant is applying for a small business exemption (LAC 33:IX.2501.G.8.a and/or b) and specify which criteria applies.

Section VI – Effluent Characteristics (Continued)

6. Organic Toxic Pollutants in Each of the Four Fractions in Analysis by GC/MS (Table III) –
   - Confirm that “testing required” has been selected for all required pollutants listed in Table III or that “N/A” has been selected if monitoring for these pollutants is not required for all pollutants listed in Table III.
   - Confirm if the applicant has marked “believed present” or “believed absent” as required or “N/A” if not required.
   - Confirm that you have provided (1) quantitative data for those pollutants for which you have indicated testing is required or (2) quantitative data or other information for those pollutants you have indicated “believed present” in your discharge.

7. Additional Conventional and Nonconventional Pollutants (Table IV) –
   - Confirm if “believed present” or “believed absent” has been marked for all pollutants in Table IV.
   - Confirm that you have provided (1) quantitative data for those pollutants for which you have indicated testing is required or (2) quantitative data or other information for those pollutants you have indicated “believed present” in your discharge.

8. Toxic Pollutants and Hazardous Substances (Table V) –
   - Confirm if “believed present” or “believed absent” has been marked for all pollutants in Table V.
   - If “believed present” has been selected for any of the pollutants in Table V, indicate if an explanation as to why the pollutant(s) is expected to be present in the discharge and any quantitative data available have been provided.

9. Dioxins (Table VI) –
   - Indicate if the facility uses or manufactures one of more of the 2,3,7,8-tetrachlorobenzo-p (TCDD) congeners listed in the instructions, or if there is reason to believe that TCDD is or may be present in the effluent.
   - If “yes” has been selected, indicate if qualitative data has been provided.

10. Other (Table VII) –
    - Indicate if there are any pollutants limited in an effluent guideline for which the facility is subject and/or any pollutants listed in the facility’s LPDES permit for its process wastewater (if operating under an existing permit) that are not already listed in Tables I-VI.
    - If “yes” has been selected, indicate if quantitative data has been provided for these pollutants.

Section VII – Effluent Analysis

The following tables outline the effluent monitoring required by LAC 33:IX.2501 and 2511. Each table is broken into sub tables that correspond to the Effluent Analysis Tables provided in Section VII of the application. Effluent monitoring requirements are separated into four sections: 1) existing manufacturing, commercial, mining, and silvicultural dischargers; 2) Stormwater Runoff, including discharges of nonprocess wastewater that commingle with stormwater runoff 3) manufacturing, commercial, mining, and silvicultural facilities that discharge **only** nonprocess wastewater; and 4) new manufacturing, commercial, mining, and silvicultural dischargers applying for LPDES permits. The corresponding regulation(s) for each section are listed in the table header for that section. In addition to providing the effluent characteristic data, the applicant is also **required** to provide responses to the questions presented as part of the application confirming the appropriate data has been submitted (see Section VI – Effluent Characteristics). For all new discharges, **estimated data must be reported**. **An application will not be considered administratively complete unless all required analytical data is provided and all questions referencing required analytical data have been answered appropriately.**

In accordance with LAC 33:IX.2501.G.7.a, if an applicant has two or more outfalls with substantially identical effluents, the state administrative authority may allow the applicant to test only one outfall and report the quantitative data also apply to the substantially identical outfall. Please note that if a parameter is present in the outfall used as the representative outfall, that parameter will be considered present in each outfall that the permittee considers substantially identical.

** Existing manufacturing, commercial, mining, and silvicultural discharge effluent characteristics monitoring requirements are separated into two sections, processes that fall into one or more of the primary industry categories and processes that are not subject to any of the primary industry categories. To determine if the applicant has processes that are subject to any of primary industry categories, refer to Appendix A (page 25) of this document.

<table>
<tr><th colspan="3">Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers (LAC 33:IX.2501.G.7)**</th></tr>
<tr><td>Table I</td><td colspan="2">Every applicant must report quantitative data for every pollutant for every outfall (unless a waiver is granted).</td></tr>
<tr><td rowspan="2">Table II</td><td>Primary Industry Category</td><td>• Each applicant with processes in one or more primary industry category must report quantitative data for each pollutant for each outfall containing process wastewater.

• Waivers will not be granted for the pollutants in this table.</td></tr>
<tr><td>No Primary Industry Category</td><td>• If an applicant does not have processes in one or more primary industry category, the applicant must indicate whether it knows or has reason to believe that any of the pollutants are present. If the pollutants are believed to be present, quantitative data must be submitted.

• If the pollutants are believed to be absent, believed absent must be selected in the table.

• Waivers will not be granted for the pollutants listed in this table.</td></tr>
</table>

Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers (LAC 33:IX.2501.G.7)**		
Table III	Primary Industry Category	• Applicant with processes in one or more primary industry category **must** report quantitative data for **each** pollutant in the GC/MS fractions required by the applicant's primary industry category for **each** outfall containing process wastewater. • Waivers will **not** be granted for the pollutants listed in this table.
	No Primary Industry Category	• If an applicant **does not** have processes in one or more primary industry category, it **must indicate** whether it knows or has reason to believe that any of the pollutants are present. If the pollutants are believed to be present, quantitative data **must** be submitted. • If the pollutants are believed to be absent, "believed absent" **must** be selected in the table. • Waivers will **not** be granted for the pollutants listed in this table.
Table IV	All Applicants	• Applicant **must** indicate whether it knows or has reason to believe that **any** of the pollutants in this table are discharged from **each** outfall. • If an applicable effluent limitations guideline either directly limits the pollutant or, by its express terms, indirectly limits the pollutant through limitations on an indicator parameter, the applicant **must** report quantitative data. • For every pollutant discharged that is not so limited in an effluent limitations guideline, the applicant **must** either report quantitative data or briefly describe the reasons the pollutant is expected to be discharged. • For sanitary wastewater discharges, quantitative data is **required** for fecal coliform. • Quantitative data is **required** for total residual chlorine if chlorine is used as **treatment**. • Waivers will **not** be granted for the pollutants listed in this table.

Existing Manufacturing, Commercial, Mining, and Silvicultural Dischargers (LAC 33:IX.2501.G.7)**		
Table V	All Applicants	• Applicant **must** indicate whether is knows or has reason to believe that **any** of the pollutants in this table are discharged from **each** outfall. • For every pollutant expected to be discharged, the applicant **must** briefly describe the reasons the pollutant is expected to be discharged **and** report any quantitative data it has for any pollutant. • Waivers will **not** be granted for the pollutants listed in this table.
Table VI	All Applicants	• Applicant **must** report qualitative data generated by using a screening procedure not calibrated with analytical standards for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) if the applicant: • Uses or manufactures 2,4,5-trichlorophenoxy acetic acid (2,4,5-T); 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP); 2-(2,4,5 trichlorophenoxy) ethyl, 2,2-dichloropropionate (Erbon); O,O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel); 2,4,5-trichlorophenol (TCP); or hexachlorophene (HCP) or • Knows or has reason to believe that TCDD is or may be present in an effluent. • Waivers will **not** be granted for the pollutants in this table.
Table VII	All Applicants	As needed. The permittee is required to submit quantitative data for any pollutant limited in an effluent guideline to which the facility is subject and/or any pollutant listed in the facility's LPDES permit for its process wastewater (if operating under an existing permit) and not already listed in Tables I-VI.

<table>
<tr><th colspan="3">Stormwater Runoff, including discharges of nonprocess wastewater that commingle with stormwater runoff (LAC 33:IX.2511.C.1.a.v)</th></tr>
<tr><td colspan="3">Except as provided in LAC 33:IX.2511.C.1.b-d, the operator of a stormwater discharge associated with industrial activity shall provide quantitative data based on samples collected during storm events and collected in accordance with LAC 33:IX.2501 from all outfalls containing a stormwater discharge associated with industrial activity for the parameters as listed below.</td></tr>
<tr><td>Table I</td><td>All Applicants</td><td>• All applicants must provide quantitative data for
• Oil and Grease
• pH
• BOD_5
• COD
• TSS</td></tr>
<tr><td>Table IV</td><td>All Applicants</td><td>• All applicants must provide quantitative data for
• Total Phosphorus
• Total Kjeldahl Nitrogen
• Nitrate plus Nitrite Nitrogen</td></tr>
<tr><td>Tables I through VII</td><td>All Applicants</td><td>• All applicants must provide quantitative data for
• Any pollutant limited in an effluent guideline to which the facility is subject
• Any pollutant listed in the facility’s LPDES permit for its process wastewater (if the facility is operating under an existing permit)
• Any information on the discharge required under LAC 33:IX.2507.G.7.f and g</td></tr>
</table>

Manufacturing, Commercial, Mining, and Silvicultural Facilities that Discharge ONLY Nonprocess Wastewater (LAC 33:IX.2501.H.4)	
Quantitative data for the pollutants or parameters listed below (unless a waiver has been granted) is required. The quantitative data may be data collected over the past 365 days, if they remain representative of current operations, and **must** include maximum daily value, average daily value, and number of samples taken.	
Table I	• BOD_5 • TSS • Oil & Grease • COD (if non-contact cooling water is or will be discharged) • TOC (if non-contact cooling water is or will be discharged) • Ammonia (as N) • Flow • pH • Temperature (winter and summer)
Table IV	• Fecal Coliform (if believed present or if sanitary wastewater is or will be discharged) • Total Residual Chlorine (if chlorine used)

New Manufacturing, Commercial. Mining, and Silvicultural Dischargers	
Each applicant **must report** estimated daily maximum, daily average, and source of information for each outfall for the following parameters (unless a waiver has been granted).	
Table I	• BOD_5 • TSS • COD • TOC • Ammonia (as N) • Flow • pH • Temperature (winter and summer)
Table II	Each applicant **must report** estimated daily maximum, daily average and source of information for the pollutants listed in this table if the applicant knows or has reason to believe that they will be present in the discharges from any outfall. Waivers will **not** be granted for the pollutants in this table.

New Manufacturing, Commercial. Mining, and Silvicultural Dischargers	
Table III	Each applicant **must** report estimated daily maximum, daily average and source of information for the pollutants listed in this table if the applicant knows or has reason to believe that they will be **present** in the discharges from any outfall. This requirement is waived for applicants with expected gross sales of less than $100,000 per year for the next three years, and for coal mines with expected average production of less than 100,000 tons of coal per year. Unless the applicant is subject to the category mentioned, waivers will **not** be granted for the pollutants in this table.
Table IV	Each applicant **must** report estimated daily maximum, daily average, and source of information for each outfall for the pollutants listed in this table if the applicant knows or has reason to believe they will be present or if they are limited by an effluent limitations guideline or new source performance standard either directly or indirectly through limitations on an indicator parameter. Waivers will **not** be granted for the pollutants in this table.
Table V	Each applicant must report any pollutants listed in this table if the applicant believes they will be present in any outfall. No quantitative data estimates are required unless they are already available.
Table VI	The applicant is required to report that 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) may be discharged if the applicant uses or manufactures one of the following compounds or has reason to believe that TCDD will or may be present in an effluent. • 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) (CAS #93-76-5) • 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) (CAS #9372-1) • 2-(2,4,5-trichlorophenoxy) ethyl ,2,2-dichloropropionate (Erbon) ((CAS #136-25-4) • O,O-dimethyl O-(2,4,5 trichlorophenyl) phosphorothioate (Ronnel) (CAS #95-95-4 • Hexachlorophene (HCP) (CAS #7030-4)
Table VII	As needed. The permittee is required to submit quantitative data for any pollutant limited in an effluent guideline to which the facility is subject and/or any pollutant listed in the facility's LPDES permit for its process wastewater (if operating under an existing permit) and not already listed in Tables I-VI.

Section VII – Effluent Analysis (Continued)

Laboratory Analysis
Laboratory procedures and analyses performed by commercial laboratories **shall be conducted** in accordance with the requirements set forth under LAC 33:I.Subpart 3, Chapters 49-55.

Laboratory Accreditation
Laboratory data generated by commercial laboratories that are **not** accredited under LAC 33:I.Subpart 3, Chapters 47-57 **will not be accepted** by the department. Retesting of analyses by an accredited commercial laboratory **will be** required. Regulations on the Environmental Laboratory Accreditation Program and a list of labs that have received accreditation are available on the department website located at: https://www.deq.louisiana.gov/page/la-lab-accreditation. In the case where effluent testing was completed by an unaccredited laboratory, and where retesting is not possible (i.e. data reported on DMRs for prior month's sampling), the data generated will be **invalid**.

If any of the required analyses were performed by a contact lab or consulting firm, provide the firm name, lab ID number, address, phone number, and pollutants analyzed.

Sampling
Sampling and analytical protocols **must** conform to the requirements in LAC 33:IX.Chapter 25, LAC 33:IX.7107, and 40 CFR Part 136. When quantitative data is required, applicants **must** collect samples of effluent and analyze such samples for pollutants in accordance with analytical methods approved under LAC 33:IX.4901 (40 CFR Part 136) unless an alternative is specified in the existing LPDES permit. When there is no analytical method that has been approved under 40 CFR 136, required under 40 CFR Chapter I, Subchapter N or O, and is not otherwise required by the permitting authority, the applicant may use any suitable method but shall provide a description of the method. When selecting a suitable method, other factors such as a method's precision, accuracy, or resolution, may be considered when assessing the performance of a method.

Grab samples **must** be used for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, and fecal coliform. For all other pollutants, 24-hour composite samples **must** be used. However, a minimum of one grab sample may be taken for effluents from holding ponds or other impoundments with a retention period greater than 24 hours. In addition, for discharges other than stormwater discharges, the state administrative authority may waive composite sampling for any outfall for which the applicant demonstrates that the use of an automatic sampler is infeasible and that the minimum of four grab samples will be a representative sample of the effluent being discharged.

Stormwater Discharges
All samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inch and at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event.

For all applicants, a flow-weighted composite shall be taken for either the entire discharge or for the first three hours of the discharge. The flow-weighted composite sample for a stormwater discharge may be taken with a continuous sampler or as a combination of a minimum of three sample aliquots taken in each hour of discharge for the entire discharge or for the first three hours of the discharge, with each aliquot being separated by a minimum period of 15 minutes. However, a minimum of one grab sample may be taken for stormwater discharges from holding ponds or other impoundments with a retention period of greater than 24 hours.

For a flow-weighted composite sample, only one analysis of the composite of aliquots is required. For stormwater discharge samples taken from discharges associated with industrial activities, quantitative data **must** be reported for the grab sample taken during the first 30 minutes (or as soon thereafter as practicable) of the discharge for all pollutants specified in LAC 33:IX.2511.C.1 except pH, temperature, residual chlorine, oil and grease, and fecal coliform. The required pollutants can also be found in Table I of this section.

The state administrative authority may allow or establish appropriate site-specific sampling procedures or requirements on a case-by-case basis (see LAC 33:IX.2501.G.7.b). An applicant **is expected** to know or have reason to believe that a pollutant is present in the effluent based on an evaluation of the expected use, production, or storage of the pollutant, or on any previous analyses for the pollutant.

Section VII – Effluent Analysis (Continued)

Sufficiently Sensitive Methods [40 CFR 122.21 (e)(3)]
In accordance with LAC 33:IX.4901 and 40 CFR 122.21 (e)(3), a permit application shall not be considered complete unless all required quantitative data are collected in accordance with sufficiently sensitive analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapters N or O.

Additional Information

1. Provide a list of any toxic materials that the applicant currently uses or manufactures as an intermediate, feedstock, final product, or byproduct.

2. Provide a list of any pertinent physical and chemical properties that may be associated with the discharge (e.g., toxic components, taste and odor compounds, heavy metals, etc.)

3. Biological Toxicity Tests – Attach summary sheets for any biological toxicity tests which the applicant knows or has reason to believe have been made within the last three years on any of the applicant's discharges or on a receiving water in relation to a discharge.

Section VIII – Compliance History

1. The following information must be reported.

   - All violations and enforcement actions for the facility
   - A summary of all permit excursions including effluent violations reported on the facility's Discharge Monitoring Reports (DMRs)
   - Bypasses for the last three years
   - A brief summary on the current status of all administrative orders, compliance orders, notices of violation, cease and desist orders, and any other enforcement actions either already resolved in the past three years or currently pending.

   The state administrative authority may choose, at its discretion, to require a more in-depth report of violations and compliance actions for the applicant covering any law, permit, or order concerning pollution at this or any other facility owned or operated by the applicant.

2. Indicate if the permittee is currently required to meet any implementation schedule for compliance or enforcement. If so, provide a brief summary of the requirement and a status update.

Section IX – LAC 33:I.1701: Permit Qualifications and Requirements

1. Indicate if the company or owner have federal or state environmental permits identical to, or of a similar nature to, the permit for which you are applying in other states. If there are no other environmental permits, mark the box next to this statement in the application. This requirement applies to all individuals, partnerships, corporations, or other entities who own a controlling interest of 50% or more in the company, or who participate in the environmental management of the facility for an entity applying for the permit or an ownership interest in the permit.

   If the company/owner does have federal or state permits identical to, or of a similar nature to, the permit for which this application is being submitted, the following information must be provided.

   - Any permits in Louisiana (include all media) and provide permit numbers
   - List any permits in other states (include all media) and provide permit numbers.

2. Indicate if the company is a corporation or limited liability company (LLC).

   - If the company is a corporation or an LLC, indicate if it is registered with the Louisiana Secretary of State.
   - If the company is a corporation or an LLC, indicate if the Secretary of State Certificate has been provided as part of the application.

Section IX – LAC 33:I.1701: Permit Qualifications and Requirements (Continued)

NOTE: If the company is registered, the Secretary of State Certificate **must** be provided and **must** demonstrate that the company's registration is current, active, and in good standing. A permit will **not** be issued to the applicant if the Secretary of State Certificate does not meet **all** of these requirements.

3. Indicate if any outstanding fees or final penalties are owed to the Department. If yes, provide an explanation.

Section X – Other Permit History

1. Indicate if the facility is located in the Louisiana Coastal Zone as mapped by the Louisiana Department of Energy and Natural Resources (LDENR).

   If the facility is located in the Louisiana Coastal Zone, indicate if a Coastal Use Permit has been acquired. If the facility has a Coastal Use Permit, provide the permit number.

2. Indicate if there are any operations at the facility that may impact coastal waters such as any project involving dredge or fill, water control structures, bulkheads, oil and gas facilities, or marina or residential development.

   If the applicant has indicated that there are any operations that may impact coastal waters, LDENR must be contacted for a determination by calling (225) 342-7591 or emailing dnrinfo@la.gov.

   If LDENR has been contacted, indicate if it has been determined that a Coastal Use Permit is not required, or if a Coastal Use Permit is required, that an application was submitted and provide the submission date.

Section XI – Maps and Diagrams

****IF THE REQURIED MAPS/DIAGRAMS ARE NOT PROVIDED, THE APPLICATION WILL NOT BE CONSIDERED ADMINISTRATIVELY COMPLETE****

1. Site Diagram (Site Map): – Attach a complete site diagram of the facility containing the following information to this application.

   - Demonstrate how the wastewater flows through the facility into each clearly labeled discharge point (including all treatment points).
   - Indicate stormwater flow pattern on this diagram or provide additional diagrams as needed.
   - Indicate the location of the facility and the front gate or entrance of the facility on the site diagram.

2. Topographic Map – Attach a topographic map containing the following information to this application.

   - A map or a copy of a section of the map that has been highlighted to show the path of the wastewater from the facility to the first named waterbody. The first named waterbody needs to be clearly visible on the map.
   - Include on the map the area extending at least one mile beyond the property boundaries depicting the facility and the following information.
     - the outline of the facility
     - the location of each of its existing and proposed discharge structures
     - each hazardous waste treatment, storage, or disposal facilities
     - each well where fluids from the facility are injected underground
     - wells, springs, other surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant in the map area

Section XI – Maps and Diagrams (Continued)

A USGS 1:24,000 scale map (7.5` Quadrangle) would be appropriate for this item. Appropriate maps can be obtained from local government agencies such as the Louisiana Department of Transportation and Development (LDOTD) or the Office of Public Works. Maps can also be obtained online at LDEQ-Make-A-Map (arcgis.com) or other online mapping services. Private map companies can also supply you with these maps. If you cannot locate a map through these sources, you can contact the LDOTD at:

1201 Capitol Access Road
Baton Rouge, LA 70808-4338
(225) 379-1232

DOTDCS@la.gov

3. Block Type Water Flow Diagram (Line Drawing) – Attach a block type flow diagram for the complete facility including treatment of each discharge. See Attachment A of the application for an example flow diagram

- The flow diagram should reflect the flow information used in Section V, Outfall Information and **should balance fully**.
- This diagram shall show intake/water source contributions, processes, treatments, losses, final discharge, etc.
- The water balance **must** show average and maximum 30-day flows at intake and discharge points and between units, including treatment units
- If flow-based guidelines are applicable to your facility, each contributing wastestream shall be identified as its own block
- Hand drawn maps are acceptable

Section XII – Environmental Assessment Statement

Those applicants that are major new facilities or existing major facilities applying for a substantial modification to their permit **must** complete this questionnaire (See La. R.S. 30:2018(E) (4) and LAC 33:IX.2905.B). On a case-by-case basis, this Office may request that a facility that is not a new major or an existing major facility with a substantial modification provide an Environmental Assessment Statement.

Simple “yes” or “no” response to the questions **will not be accepted**. A measured response should be given for each question posed, taking into consideration appropriate factors such as: the environmental sensitivity of the area, both for the proposed and alternative sites; impacts on the economy of the area, both favorable and unfavorable; availability of raw materials, fuels, and transportation and the impact of potential sites on their availability and economics; relationship of the facility to other facilities, either within or independent of the company, and the effects of location on these relationships; and other factors which may be appropriate on a case-by-case basis.

There is no requirement that the information provided in response to this questionnaire be certified by a professional engineer or other expert.

1. Have the potential and real adverse environmental effects proposed by the facility been avoided to the maximum extent possible?

2. Does a cost benefit analysis of the environmental impact costs balanced against the social and economic benefits of the proposed facility demonstrate that the latter outweighs the former?

3. Are there alternative projects which would offer more protection to the environment than the proposed facility without unduly curtailing non-environmental benefits?

4. Are there alternative sites which would offer more protection to the environment than the proposed facility site without unduly curtailing non-environmental benefits?

5. Are there mitigating measures which would offer more protection to the environment than the facility as proposed without unduly curtailing non-environmental benefits?

Checklist

All applicants **must** complete the checklist that is included in the application acknowledging that all required information was provided. **An application will not be considered complete if the checklist is incomplete or not included.**

Upon receipt and subsequent review of the application by the Water Permits Division, additional information may be requested in order to complete the processing of the permit.

Signatory and Authorization

According to the Louisiana Water Quality Regulations, LAC 33:IX.2503.B, the following requirements shall apply to the signatory page in this application:

Chapter 25. Permit Application and Special LPDES Program Requirements

2503. Signatories to permit applications and reports

A. All permit applications shall be signed as follows:

1. For a corporation - by a responsible corporate officer. For the purpose of this Section 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, or

(b) The manager of one or more manufacturing, production, or operating facilities, provided: 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 environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions 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;

2. For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or

3. For a municipality, parish, state, federal or other public agency - either a principal executive officer or ranking elected official. For the purposes of this Section, 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., Regional Administrator of EPA).

B. All reports required by permits, and other information requested by the state administrative authority shall be signed by a person described in LAC 33:IX.2503.A, or by a duly authorized representative of that person. A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described in LAC 33:IX.2503.A.

2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as a position of plant manager, operator of a well or well field, superintendent, 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 any individual occupying a named position); and

Signatory and Authorization (Continued)

3. The written authorization is submitted to the state administrative authority.

C. Changes to authorization. If an authorization under LAC 33:IX.2503.B 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 LAC 33:IX.2503.B must be submitted to the state administrative authority prior to or together with any reports, information, or applications to be signed by an authorized representative.

D. Any person signing any document under LAC 33:IX.2503.A or B 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 submitted 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."

Note: The original and one copy of this application must be provided.

Attachments

The following attachments are included as part of the application and must be submitted as applicable.

Attachment A – Block Type Flow Balance Example

This attachment provides an example of a block type flow balance that the permittee is required to submit as part of the application.

Attachment B – Petroleum Refinery Information

All petroleum refineries are required to submit the information requested in Attachment B.

Attachment C – Clean Water Act Section 316(b) Information

Facilities subject to the categorical requirements of the 316(b) rule are required to submit the information requested in Attachment C.

Attachment D – Barge Cleaning and/or Repair Facilities

Facilities that clean and/or repair vessels (barges, ships, etc.) must provide the information requested in Attachment D.

Attachment E – Seafood Facilities

Seafood facilities must provide the information requested in Attachment E.

Attachment F – Commodity List

Facilities (except Barge Cleaning and/or Repair facilities) that store commodities must list them in Attachment F.

Appendix A – Primary Industry Category Testing Requirements

Primary Industry Category	Volatile	Acid	Base/Neutral	Pesticide/PCB
Adhesives and Sealant	X	X	X	
Aluminum Forming	X	X	X	
Auto and Other Laundries	X	X	X	X
Battery Manufacturing	X		X	
Coal Mining				
Coil Coating	X	X	X	
Copper Forming	X	X	X	
Electrical and Electrical Components	X	X	X	X
Electroplating	X	X	X	
Explosives Manufacturing		X	X	
Foundries	X	X	X	
Gum and Wood Chemicals (EXCEPT Subparts D&F)	X	X		
Gum and Wood Chemicals (Subparts D&F)	X	X	X	
Inorganic Chemicals Manufacturing	X	X	X	
Iron and Steel Manufacturing	X	X	X	
Leather Tanning and Finishing	X	X	X	
Mechanical Products Manufacturing	X	X	X	
Nonferrous Metals Manufacturing	X	X	X	X
Ore Mining (Subpart B ONLY)		X		
Organic Chemicals Manufacturing	X	X	X	X
Paint and Ink Formulation	X	X	X	
Pesticides	X	X	X	X
Petroleum Refining	X			
Pharmaceutical Preparations	X	X	X	
Photographic Equipment and Supplies	X	X	X	
Plastic and Synthetic Materials Manufacturing	X	X	X	X
Plastics Processing	X			
Porcelain Enameling				
Printing and Publishing	X	X	X	X
Pulp and Paper Mills (*1)				
Rubber Processing	X	X	X	
Soap and Detergent Manufacturing	X	X	X	
Steam Electric Power Plants	X	X		
Textile Mills (Subpart C EXEMPT from this table)	X	X	X	
Timber Products Processing	X	X	X	X

(*1) Requirements have been affected by a suspension from EPA; therefore, use Table I.A located at LAC 33:IX.7107 to determine applicability.