

**Louisiana Department of Transportation
and Development**

STORMWATER MANAGEMENT PROGRAM

**Louisiana Department of Environmental Quality
Permit No. LAR043001 (AI 108424)**

October 2025


Louisiana Department of Transportation and Development

Stormwater Management Program 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 directly who manage the system, or those persons directly responsible for gathering the information, I certify that 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.

Print Name: Eric Dauphine, P.E.

Title: Assistant Secretary-Office of Project Delivery

Signature:  _____

Date: 10/29/25

**Louisiana Department of Transportation and Development
Stormwater Management Program**

Minimum Control Measures

Section 1.0 Public Education and Outreach on Stormwater Impacts

The Public Education and Education minimum measure consists of Best Management Practices (BMPs) that focus on the development and distribution of educational materials designed to inform the public about the impacts that stormwater discharges have on local water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.

Best Management Practices:

- A. Flyers and Brochures (Start 3-10-06 End: Ongoing)
 - 1. Develop a list of subjects for inclusion and discussion in stormwater flyers.
 - 2. Design and print flyers for each of the selected subjects.
 - 3. Post flyers at selected locations in accordance with the flyer posting schedule.
 - 4. Develop and reproduce brochures on the overview of the various sources of stormwater pollution.

- B. Stormwater Quality Web-Site (Start 11-14-06 End: Ongoing)
 - 1. Design and publish the stormwater quality website to the internet for public access.
 - 2. Continue to maintain a list of subjects for inclusion and discussion in the stormwater quality website.

- C. Public Service Announcements (Start 3-21-06 End: Ongoing)
 - 1. Identify appropriate issues to be included in the public service announcements.
 - 2. Develop public service announcements on the selected subjects.
 - 3. Broadcast public service announcements as local media permits.
 - 4. Publish an article for the LPB Visions magazine.

- D. Impacts of Illegal Dumping and Littering (Start 03-10-06 End: Ongoing)
 - 1. Develop illegal dumping and anti-litter public education materials for incorporation into the list of subjects to be included in brochures, flyers, and the stormwater website.
 - 2. Distribute illegal dumping and littering public education material in accordance with identified schedule.
 - 3. Prints, television ads, as well as electronic media are used to inform the public of the sources and effects of dumping and littering on area surface waters.

- E. Public Education on Constriction Activities and New Development Activities (Start 3-10-06 End: Ongoing)
 - 1. Develop and incorporate public education materials that focus on the mechanism for the public to report potential construction site runoff problems into the list of subjects to be included in brochures, flyers and the stormwater quality website.

2. Distribute public education materials that focus on the mechanism for the public to report potential construction site runoff problems.

F. Education of School Children on the Importance of Water Quality

(Start 12-19-12 End: Ongoing)

1. Develop an activity booklet in order to educate small children of the importance of keeping water clean.

Section 2.0 Public Involvement/Participation in Development and Implementation of Stormwater Program

The Public Involvement/Participation minimum measure consists of Best Management Practices (BMPs) that focus on involving the local public in development and implementation of the Stormwater Management Program (SWMP).

Best Management Practices:

- A. Adopt-a-Road Program (Start 3-10-06 End: Ongoing)
 - 1. Identify target highways, or highway segments, to be included in the Adopt-A-Highway program.
 - 2. Invite identified groups to participate groups to participate in the Adopt-A-Highway.
 - 3. Form adoption agreements with groups willing to participate in the Adopt-A-Highway
 - 4. Maintain records on the number of active groups that adopted highway segments.
 - 5. Maintain records on the total miles adopted and litter collected.
 - 6. Maintain a link to the Adopt-A-Road website on the stormwater website.

- B. Stormwater Management Program Document Review (Start 11-14-06 End: Ongoing)
 - 1. Documents associated with LADOTD's stormwater management will be made available on the department's stormwater website for public review and comment.

- C. Public Information Requests (Start 8-12-06 End: Ongoing)
 - 1. Respond and provide the necessary documents when appropriate, for information requests from the public.

- D. Reporting System (Start 11-14-06 End: Ongoing)
 - 1. Establish a system to foster communication between the LADOTD and the public.

Section 3.0 Illicit Discharge Detection and Elimination

The Illicit Discharge and Elimination minimum measure consists of Best Management Practices (BMPs) that focus on the detection and elimination of illicit discharges into the MS4. Outfall screenings are regionally divided among Environmental Impact Specialists. Each specialist is responsible for screenings in their area. Outfalls are visually inspected during dry weather. Illicit discharges are reported to LDEQ for enforcement; therefore sampling is not conducted. See attachments for inspection forms and team.

Best Management Practices:

- A. Maintain the MS4 and Outfall Inventory (Start 5-10-06 End: Ongoing)
 - 1. Maintain maps of the MS4 including MS4 receiving streams, stormwater outfalls, permit coverage area, and any other information.

- B. MS4 Outfall Screening (Start 11-14-06 End: Ongoing)
 - 1. Complete screening of 3% of the stormwater outfalls that discharge to the MS4 annually. See attachments, for inspection forms.
 - 2. Investigate outfall drainage systems that are identified as having illicit discharges from the MS4 and report illicit discharges to LDEQ.

- C. Illicit Discharge Employee Training (Start 3-10-06 End: Ongoing)
 - 1. Develop a list of personnel to be educated on the identification and reporting of illicit discharges.
 - 2. Develop training materials, internal reporting forms, and reporting procedures including who will receive reports on illicit discharges.
 - 3. Develop a schedule for conducting training of identified personnel.
 - 4. Conduct training for identified personnel in accordance with the identified schedule.
 - 5. Conduct training for any personnel that may be involved with the identification and reporting of illicit discharges.

Section 4.0 Construction Site Stormwater Runoff Control

The Construction Site Runoff minimum measure consists of Best Management Practices (BMPs) that focus on the reduction of pollutants in any stormwater runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of stormwater discharges from construction activity disturbing less than one acre will be considered if it is part of a larger common plan of development or sale that would disturb one acre or more.

Best Management Practices:

- A. Construction Inspection Procedures (Start 3-10-05 End: Ongoing)
 - 1. Develop final LADOTD construction stormwater guidelines consistent with the EPA construction erosion control specifications.
 - 2. Develop a list of items to incorporate in the inspection of LADOTD construction sites based on the final LADOTD construction stormwater guidelines.

- B. Construction Stormwater Pollution Prevention Plan (SWPPP) Review (Start 3-10-05 End: Ongoing)
 - 1. Develop procedures to require contractors to submit a site specific stormwater pollution prevention plan for permittee review and approval. See attachments, for SWPPP review checklist.

- C. Construction Site Inspection (Start 3-10-05 End: Ongoing)
 - 1. Develop internal procedures for tracking new and on-going construction activities.
 - 2. Train LADOTD inspection personnel on the LADOTD construction stormwater guidelines and inspection procedures.
 - 3. Inspect qualifying construction sites using appropriate inspection procedures and forms to ensure compliance with LADOTD construction stormwater guidelines.
 - 4. Require contractors to perform corrective actions at LADOTD construction sites that are not in compliance with LADOTD construction stormwater guidelines and/or construction contract language.

- D. Construction Community Education (Start 3-10-05 End: Ongoing)
 - 1. Provide educational opportunities for departmental construction personnel.

- E. Construction related Public Reporting (Start 3-10-05 End: Ongoing)
 - 1. Develop a mechanism for the public to report to LADOTD construction sites with potential stormwater quality problems or construction stormwater regulation violations.
 - 2. Develop an internal tracking system to accept and issue acknowledgments of receipt of information reported by the public.
 - 3. Implement the public reporting mechanism at LADOTD construction sites.
 - 4. Conduct on-site investigations of those sites reported by the public which warrant investigation according to the best judgment of LADOTD personnel.

Section 5.0 Post-Construction Stormwater Management in New Development and Redevelopment

The Post-Construction Stormwater Management minimum measure consists of Best Management Practices (BMPs) that focus on the prevention or minimization of water quality impacts from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale that discharge into the small MS4.

Best Management Practices:

- A. New Development and Re-Development Plans Review (Start 3-10-06 End: Ongoing)
 - 1. Develop guidelines for the inclusion of post-construction control measures to be incorporated into the design process for highway development projects within the urbanized areas of the permit coverage area.
 - 2. Develop a process to review highway development plans in order to determine compliance with LADOTD post-construction guidelines.
 - 3. Develop internal tracking and plans in order to determine compliance with LADOTD post-construction guidelines.
 - 4. Educate the LADOTD design community on the LADOTD development plans review process.
 - 5. Implement the development plans review process.

- B. New Development and Re-development Project Inspection (Start 3-10-06 End: Ongoing)
 - 1. Develop internal tracking procedures for tracking new highway development projects that are under construction and that have been completed.
 - 2. Train inspection personnel on LADOTD post-construction guidelines and final inspection procedures.
 - 3. Inspect qualifying development project sites using adopted inspection forms and procedures to ensure conformance with LADOTD post-construction guidelines.

- C. Protection of Sensitive and/or Impaired Water Bodies (Start 3-10-06 End: Ongoing)
 - 1. Identify sensitive or impaired water bodies located within the MS4 jurisdiction or permit coverage area.
 - 2. Research opportunities to incorporate BMPs to reduce impacts to sensitive or impaired water bodies.

- D. Participation in Local Watershed Planning and Modeling (Start 3-10-06 End: Ongoing)
 - 1. Identify local watershed planning and monitoring organizations.
 - 2. Participate in watershed planning and surface water monitoring data meetings.

Section 6.0 Pollution Prevention/Good Housekeeping

The Pollution Prevention/Good Housekeeping minimum measure consists of Best Management Practices (BMPs) that focus on training and on the prevention or reduction of pollutant runoff from municipal operations.

Best Management Practices:

- A. Street Sweeping (Start 1-1-05 End: Ongoing)
 - 1. Identify the type of roadways that can be swept to remove sediment and other pollutants from the gutters.
 - 2. Implement street sweeping in accordance with the identified schedule.
 - 3. Determine average quantity of material removed per distance unit using curb or lane miles.
 - 4. Based on average quantities per distance calculations, determine target values based on factors such as equipment specifications, manufacturer's recommendations, and street sweeping budget constraints (Data analysis).

- B. Litter Collection (Start 1-1-05 End: Ongoing)
 - 1. Develop inventory of litter collection areas.
 - 2. Continued implementation of the litter collection program based on the preliminary collection schedule.
 - 3. Evaluate litter collection schedules.
 - 4. Annually review litter collection schedules and maintain records of litter collection volumes.

- C. Herbicide Application (Start 1-1-05 End: Ongoing)
 - 1. Develop an inventory of areas designated for herbicide application.
 - 2. Maintain records of herbicide application.
 - 3. Comply with local, state, and federal regulations associated with herbicide.

- D. Roadside Drainage Maintenance (Start 3-10-06 End: Ongoing)
 - 1. Continued implementation of the catch basin cleaning program on an as-needed schedule.

- E. Fleet Maintenance (Start 3-10-06 End: Ongoing)
 - 1. Develop and maintain an inventory of LADOTD owned vehicles.
 - 2. Conduct routine maintenance on all vehicles according to manufacturers' specifications and inspect vehicles for the presence of fluid leaks.
 - 3. Schedule repairs for vehicles determined to have fluid leaks.
 - 4. Require LADOTD vehicle operators to conduct daily inspections of vehicles to check for fluid leaks.
 - 5. Maintain the schedule for all equipment and vehicles provided by the manufacturer to

reduce fluid leaks.

- F. Spill Prevention Plans (Start 3-10-06 End: Ongoing)
 - 1. Develop an inventory of LADOTD owned facilities that may be required to have Spill Prevention Control and Countermeasures Plans (SPCC Plans).
 - 2. Evaluate identified facilities and determine if SPCC Plans are required.
 - 3. Develop and/or maintain SPCC Plans for LADOTD owned facilities that require plans.
 - 4. Comply with SPCC plan requirements at qualifying LADOTD owned facilities.

- G. Employee Training (Start 3-10-06 End: Ongoing)
 - 1. Develop and acquire employee training materials on the selected subjects.
 - 2. Conduct employee training programs according to the identified schedule.

- H. Illegal Dumping (Start 1-1-05 End: Ongoing)
 - 1. Develop a list of illegal dumping locations identified.
 - 2. Conduct investigations of illegally dumped materials in order to attempt to identify the sources of the materials.
 - 3. Post signs at illegal dumping locations that indicate the prohibitions associated with illegal dumping.
 - 4. Use existing local legal authority or other means to assess enforcement actions against identified dumpers.

- I. De-icing/Anti-icing Materials Management (Start 1-1-11 End: Ongoing)
 - 1. Apply materials used for ice and snow control at the prescribed rates.
 - 2. Install secondary containment for icing/anti-icing agents when necessary.
 - 3. Maintain records of de-icing/anti-icing materials.

- J. Bulk Materials Management (Start 1-1-11 End: Ongoing)
 - 1. Develop designated areas for stockpiles.
 - 2. Conduct regular inventory to determine loss of materials due to erosion.

- K. Bridge and Structure Maintenance (Start 1-1-11 End: Ongoing)
 - 1. Conduct debris removal from bridge structures to improve drainage and appearance.

- L. Debris Management
 - 1. Clear the highway/roadside of potential hazards and ensure the proper disposal of collected waste.

- M. Erosion and Sediment Control (Start 1-1-11 End: Ongoing)
 - 1. Repair and control erosion in the permittee's right-of-way.

Attachments:

IDDE Inspection Forms
& Team

SWPPP Review Checklist

IDDE Inspection Forms & Team



Louisiana Department of Transportation and Development

Illicit Discharge Visual Screening

Date: _____ Investigator: _____

Municipality: _____ Outfall ID: _____

Location: _____

Discharge at time of inspection: Yes No Photo taken: Yes No Photo #: _____

IF YES, complete section A. If NO, skip section A and complete section B.

Section A-Discharge Present

Indicator	Description	Severity Index (1-3)		
Odor	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid <input type="checkbox"/> Petroleum <input type="checkbox"/> Sulfide <input type="checkbox"/> None <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint	<input type="checkbox"/> 2 - Easily detected	<input type="checkbox"/> 3 - Noticeable upon approach
Color	<input type="checkbox"/> Clear <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint colors in sample	<input type="checkbox"/> 2 - Colors visible in sample	<input type="checkbox"/> 3 - Colors visible in outfall flow
Turbidity	<input type="checkbox"/> None See severity	<input type="checkbox"/> 1 - Slight cloudiness	<input type="checkbox"/> 2 - Cloudy	<input type="checkbox"/> 3 - Opaque
Floatables	<input type="checkbox"/> Sewage <input type="checkbox"/> Foam <input type="checkbox"/> Oil sheen <input type="checkbox"/> Trash <input type="checkbox"/> None <input type="checkbox"/> Algae <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Slight; Source not obvious	<input type="checkbox"/> 2 - Some; Possible source	<input type="checkbox"/> 3 - Some; Source determined
Vapor	<input type="checkbox"/> None See severity	<input type="checkbox"/> 1-Minimal	<input type="checkbox"/> 2-Moderate	<input type="checkbox"/> 3-Maximum

Source of Illicit Discharge: _____

Address: _____

Section B-Outfall Description

Outfall Characterization

Unlikely (No indicators of illicit discharge present)
 Potential (Indication of possible illicit discharge)
 Obvious

Indicator	Check if present	Description	Comments
Staining	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Sediment <input type="checkbox"/> Paint <input type="checkbox"/> Other: _____	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Necrotic	
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/> Excessive Algae <input type="checkbox"/> Vapors <input type="checkbox"/> Odor: _____ <input type="checkbox"/> Color: _____ <input type="checkbox"/> Floatables: _____ <input type="checkbox"/> Other: _____	

Potential Source of Illicit Discharge: _____

Address: _____

Notes



Louisiana Department of Transportation and Development

Illicit Discharge Visual Screening

Date: _____ Investigator: _____

Municipality: _____ Outfall ID: _____

Location: _____

Discharge at time of inspection: Yes No Photo taken: Yes No Photo #: _____

If YES, complete section A. If NO, skip section A and complete section B.

Section A-Discharge Present

Odor	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Foam	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Color	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Sheen	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Turbid	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Floatables	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Vegetation	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Smoke/Vapor	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Source of Illicit Discharge: _____

Address: _____

Section B-No Discharge Present

Is there any evidence of previous illicit discharge? Yes No

If YES, please describe below.

[Empty rectangular box for description]

Potential Source of Illicit Discharge: _____

Address: _____

Section C

Comments

IDDE TEAM

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SWPPP Review Checklist



Construction Stormwater Pollution Prevention Plan Checklist

#	Required Actions and SWPPP Content	Yes	No	N/A
1	Is the site-specific SWPPP signed?			
2	Will a notice be posted at the site entrance or local public building with the following: Contact information, applicable permit numbers, indicating location of the site-specific SWPPP?			
3	Are there descriptions indicating: <ul style="list-style-type: none"> ❖ Size of area to be disturbed ❖ Intended sequence of activities ❖ Potential pollutant sources and associated control measures ❖ Descriptions and implantation timelines for all erosion control measures 			
4	Is there a general location map?			
5	Is there a <u>site map</u> detailing: <ul style="list-style-type: none"> ❖ Drainage patterns and areas of soil disturbance ❖ Location of stormwater control measures & waste receptacles ❖ Points of discharge and names of receiving water bodies 			
6	Will there be any discharges other than stormwater runoff?			
7	Is information on endangered species and historical properties included?			
8	Does the record keeping description and implementation of stabilization practices include the following: <ul style="list-style-type: none"> ❖ Dates of major grading activities ❖ Dates when construction activities temporarily or permanently cease ❖ Dates when stabilization measures are implemented 			
9	Does the Site Inspection section contain the following: <ul style="list-style-type: none"> ❖ Inspection frequency (every seven days or once every 14 days, before storm events and within 24 hour of a storm event?) ❖ Locations to be inspected (disturbed areas, storage areas, areas with controls, discharged locations and site entrances) ❖ SWPPP revision schedule (SWPPP will updated based on inspection findings within seven days) ❖ Statement that all inspections will be recorded and certification statement will be signed (according to Part VI.D.10 of the LAR6000000 permit) 			
10	Does the Inspection Report contain: <ul style="list-style-type: none"> ❖ Name & title of inspector ❖ Date, weather condition between inspections ❖ Locations of sediment discharge due to failure ❖ Locations where BMPs needed to implemented or maintained ❖ Corrective actions and implementations dates 			
11	Does the plan clearly identify each control measure and who [contractor or subcontractor] will implement each measure?			
12	Will there be a concrete wash out bag to prevent concrete/contaminated runoff from leaving the site?			

Project Name: _____