LDEQ Inspections

Small MS4 Inspections

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What you need:

- NOI
- Permit
- Storm Water Management Plan
- Annual Reports
- Monitoring Records
- Map of storm water outfalls

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Has your Storm Water Management Program been developed, implemented, and enforced within five years of initial authorization?

The Storm Water Management Program shall be described in a detailed written Storm Water Management Plan. The SWMP shall be designed to reduce the discharge of pollutants from your small MS4 to the Maximum Extent Possible (MEP) to protect water quality and satisfy the appropriate water quality requirements of the Louisiana Environmental Quality Act.

The LDEQ inspector will review:

- Storm water control measures
- Best Management Practices
- The measurable goals of each
- How these are implemented
- Who is responsible for implementation

Six minimum control measures should be included in your SWMP:

1) Public education and Outreach on Storm Water Impacts
2) Public Involvement/Participation
3) Illicit Discharge Detection and Elimination
4) Construction Site Storm Water Runoff Control
5) Post-Construction Storm Water Management in New Development and Redevelopment
6) Pollution Prevention/Good House Keeping for Municipal Operations

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The SWMP should be reviewed annually.

Annual Reports must be submitted to LDEQ by March 10 each year for the preceding calendar year.

Monitoring Records

- Dry weather screening
- Sampling records if applicable
- Constructions Site Inspection Records

If your MS4 discharges to a receiving water on the 303 d list of the Biennial Report of Impaired waters and your discharges contain one of the pollutants for which the waterbody is impaired, then you must document in your SWMP how the BMPs and other controls will reduce the discharge of pollutants of concern. If a TMDL has been approved for the waterbody, you must describe how your SWMP is consistent with any TMDL requirements applicable to your discharge. If no TMDL is approved, you must describe how your BMPs and other controls will reduce the pollutant from your discharge.

If a Waste Load Allocation has been assigned to discharges of a particular pollutant from your MS4 to a particular subsegment, then you must describe and implement a sampling and analysis program to determine whether the storm water controls you have implemented are adequate to meet the WLA.

2010 Biennial Report
http://www.deq.louisiana.gov/portal/tabid/98/Default.aspx

Subsegment 060212 Chatlin Lake Canal

FWP	IRC4a	Nitrate/Nitrite	Discharges from MS4
FWP	IRC4a	Dissolved Oxygen	Discharges from MS4
FWP	IRC4a	Total Phosphorus	Discharges from MS4
FWP	IRC4a	Sedimentation/Siltation	Agriculture and Sources Unknown
FWP	IRC4a	Total Suspended Solids	Agriculture and Sources Unknown
FWP	IRC4a	Turbidity	Agriculture and Sources Unknown
FWP	IRC 5	Total Dissolved Solids	ewage discharges from unsewered areas, agriculture, and rural residences

Storm Water Construction Activity Inspections

LAR100000 - Five acres or more

LAR200000 - One - Five acres

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A posted notice shall be placed near the entrance with the following information:

- LPDES permit number
- name and phone number of a contact person
- a brief description of the project
- the SWPPP or location thereof

Contents of a Storm Water Pollution Prevention Plan

Site Description
Controls
Maintenance
Inspections
Non-storm water discharges
Contractor & Subcontractor Responsibilities
Signed certification statement

Site Inspection

- Size of the disturbed area
- Storm water control measures are installed properly
- Erosion and sediment gone off-site
- Off-site tracking
- Signs of oil staining
- Examine receiving ditch or stream

CASE STUDY

Double 00 Construction Company

Ouachita Parish , La

September 7, 2006

and

October 25, 2006

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9-7-06

Improper silt fence maintenance resulted in soil leaving the construction site into the street at both entrances, the road ditch, and a dry slough bed in a publicly owned nature park.

The project manager could not produce a SWPPP or a storm water discharge permit. He was unsure if such documents existed. Subsequent phone calls could not confirm if the company had a SWPPP or permit.

10-25-06

Off –site tracking of mud was observed in the street at both entrances to the construction site. Muddy water was observed in the road ditch. In two areas, silt fence was improperly installed with gaps at the base that allowed sediment to discharge into the road ditch during a rainstorm.

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