

CITY OF LEEDS

2016

ANNUAL STORM WATER REPORT

FOR

ALABAMA DEPARTMENT OF ENVIROMENTAL MANAGEMENT

Submitted By: BRAD WATSON  
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CERTIFICATION

CITY OF LEEDS, ALABAMA

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 persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine, imprisonment for knowing violations.

David Miller, Mayor  
City of Leeds, Alabama

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Signature

March 30, 2016  
Date

Brad Watson, Building Inspection Supt.  
City of Leeds

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Signature

March 30, 2016  
Date

**Phase II Annual Report - 2016**

Introduction

The City of Leeds is referred to as an urbanized area. The urbanized area was designated by the United States Environmental Protection Agency (USEPA) and the Alabama Department of Environmental Management (ADEM) as a phase II municipal separate storm sewer system (MS4). The City of Leeds received a National Pollutant Discharge Elimination System (NPDES) Phase II General Permit for storm water discharge from ADEM (Permit ALR040004). The SWMP for Leeds was prepared in August of 2014 and an annual report is due by March 31,2016. The annual report is to show the programs and progress made during the year to address storm water in the city.

What is the MS4 Program?

Untreated or uncontrolled storm water runoff is the number one cause of impairment in our waterways. Polluted runoff is often transported through municipal drainage system until it eventually discharges into streams, lakes, and rivers untreated. An MS4, or Municipal Separate Storm Sewer System, is comprised of drainage systems, including streets, catch basins, curbs, gutters, ditches, man-made channels, and storm pipes, owned by a state, county, city, township, or other public entity. The NPDES storm water Phase II regulation require permit coverage for storm water discharges from MS4s, mainly those located in urbanized areas. MS4 Programs are intended to improve our nation's surface waters by reducing the quantities of pollutants that are picked up by runoff and transported into the storm water system during rainfall events. As part, of the MS4 Program, municipalities hold and maintain a storm water management program that (1) reduces the discharge of pollutants to the maximum extent possible; (2) protects water quality; and (3) satisfies the water quality requirements of the federal Clean Water Act. (epa.gov search CLEAN WATER ACT)

The MS4 program has six elements termed "minimum control measures" (MCM) that when implemented should result in significant reduction in pollutants discharged into receiving waters. The six minimum control measures are (1) Public Education and Outreach (2) Public Participation/Involvement (3) Illicit Discharge and Elimination (4) Construction Site Runoff Control (5) Post Construction Runoff Control (6) Pollution Prevention/Good Housing. The Annual Report will reflect on each MCM the action, results, and future plan actions.

## **MCM 1. Public Education and Outreach**

### **Permit Requirements:**

The Public Education and Outreach requires the city to implement and evaluate a program that distributes educational material to the community or conducts equivalent outreach activities about the impact of polluted discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff to the maximum extent possible.

1. Targeted Audience: General public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

## **Current Programs: (BMP)**

A. Brochure Publications- The City employs a brochure campaign to educate citizens on the importance of proper storm water pollution prevention. Brochures covering a wide variety of topics including but not limited to fertilizers, Household Hazardous Waste Disposal, Erosion and Sedimentation Control and Pet Waste Disposal, Storm Water Fees, Pesticides and Watershed Protection

B. Website – Citizens often use web-based material to get relevant information on a program’s effectiveness. Information can be accessed anytime from anywhere in a format that can be instantly updated. This allows for citizens who do not have the time or transportation to meet staff during employees during regular business hours to express their concerns and to get information on watershed management in the City. The goal of the website is to provide interactive storm water quality information, current program updates, publications, and citizen outreach programs.

C. Pet Waste Disposal Stations – The City has placed doggy stations in all parks. Additionally, proper pet waste disposal has been promoted through distribution of “Scoop Away the Pet Waste” brochures.

D. Storm Water Hotline and Complaint Website – The information provided by the general public to the City allows for a more comprehensive monitoring program due to empowering of citizens to stop illicit discharges. The Storm Water Hotline allows citizens to call in an illicit discharge or file a complaint online.

E. NEMO training will continue for elected and appointed officials.

These measurable goals were accomplished sufficient enough for the city to have a good foundation for future programs.

## **Future Programs:**

During 2016 continue with the programs already in place. The City will have a presentation in the schools for different age groups. This will be determined with the school board involvement to help gain more participation.

A pamphlet will be mailed with the utility bill once in 2016.

The City web site will be expanded to include more links and information in 2016.

## **MCM 2. Public Involvement/Participation**

### **Permit Requirements:**

The Public Participation/Involvement requires the city to implement and evaluate a program centered on the SWMP and the annual report. The development of this program will be documented throughout the process. The ongoing activities for public involvement may include advisory councils, watershed associations, committees, stewardship, programs and other environmental related activities. Once approved, the SWMP will be available on the City's website.

**Targeted Audience:** General public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

### **Current Programs:(BMP)**

A. Webcasts – The webcast forum allows public viewing of storm water management practices through streaming online video.

B. Public Presentations – The program conducts a variety of public presentations to river organizations, contractors, business industry and neighborhood organizations; all of which are tailored to the specific audience.

C. Erosion and Sedimentation Control Workshops – In an effort to educate contractors, developers and engineers the city will promote attendance their attendance at a series of workshops. The content of these

workshops ranges from erosion and sedimentation control of overall pollution and illicit discharge control. The workshops are offered twice a year.

**Measurable Goals:**

The City's BMP to involve more public participation by leveraging technology, public presentation and stakeholder workshops has proven to be successful in communicating the programs goals. In 2016 the City will involve more city boards and civic groups to help plan and participate in the storm water projects and develop Citizen's Advisory Committee.

**MCM 3. Illicit Discharge Detection Elimination (IDDE)**

**Permit Requirements:**

The City shall include an ongoing program to detect and eliminate illicit discharges into City's small MS4, and proper disposal, including spills under the purview of another responding authority, into the MS4 owned or operated by the city to the maximum extent possible.  
Targeted Audience: General public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

**Current Programs: (BMP)**

- A. Educating the Public with pamphlets, newspaper articles.
- B. Educating elected officials and public through workshops.
- C. Recycle bins have been placed at the public works shop with sign to encourage recycling.
- D. Sampling at discharge locations.

**Measurable Goals:**

The City has created a permanent site for recycling bins with signage. The City began testing outfall locations to analyze for pollutants and has begun building a database to establish

The city has achieved some of the measurable goals such as setting up recycling and educating the public and official about illicit discharge. The city also had samples taken at outfall locations, and the results will be posted on the city's web site for public information. We have a

foundation to build on and should increase programs and participation during 2016-16.

**Future Programs:**

Continue in 2016 the programs that are already in place.

Have maps to show all outfall locations.

Be sure to have pamphlets that reflect how illicit discharge gets in the storm water; changing your auto's oil, fertilizing your lawn, tending your pets, disposing of chemicals. Public Notices on proper disposing of all items for recycling, location and contacts.

Add information to web site on disposing of items with links to recyclers.

**MCM 4. Construction Site Storm Water Runoff Control**

**Permit Requirements:**

The City must develop, implement, and enforce a program to reduce, to the MEP, pollutants in any storm water runoff to the regulated MS4 from construction activities that result in a total land disturbance of greater than or equal to one acre and activities that disturb less than one acre but are larger common plan of development or sale that would disturb one acre or more.

Targeted Audience: General public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

**Current Programs: (BMP)**

- A. Educating the Public with pamphlets, website articles concerning construction sites.
- B. Ordinance for construction site - the city has an ordinance that requires fencing, trenching and ponding to control runoff from polluting the storm water.
- C. Web site - add the ordinance and rules for construction site preparation for the general public with links to other agencies.

**Measurable Goals:**

The city has in place a program for educating the public with newspaper articles, pamphlets, and web site. The web site will reflect the city ordinance that pertains to storm water runoff and pollutants.

The City has accomplished putting most of the goals in motion and will continue to improve the web site and informing the general public for more participation.

**Future Programs:**

Continue in 2016 the programs that are already in place.

Review all ordinance and make sure they cover all construction sites with enforcement authority.

Set up a program to receive a list of all permits for construction and visit each site for verifying all runoff compliance.

Add construction sites to mapping for future pollutant information.

Add construction information link to the Environment Outreach page on the web site.

**MCM 5. Post-Construction Storm Water Management in New Development and redevelopment****Permit Requirements:**

The City must develop and implement project review, approval, and enforcement procedures for new development and redevelopment projects that disturb greater than one acre, and projects less than one acre that are part of a larger common plan of development or sale. Develop procedures for the following: site plan review and approval process; reapprove process when changes to post-construction controls are required; process to demonstrate and document post-construction storm water measures have been installed properly to include enforceable procedures for noncompliant projects.

Targeted Audience: General public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

**Current Programs: (BMP)**

Continue in 2016 the programs that are already in place.

Review all ordinance and make sure they cover all construction sites with enforcement authority.

Setup a program to for a review check list and a review list.

Environmental Outreach page on Web site link to construction review.

The City has accomplished putting most of the goals in motion and will continue to improve the web site and informing the general public for more participation.

**Future Programs:**

Continue in 2016 the programs that are already in place.

Review all ordinances to make sure they cover all construction sites with enforcement authority.

Set up a program to receive a list of all permits for construction and visit each site for verifying all runoff compliance for redevelopment.

Add construction sites to mapping for future pollutant information.

Add construction information link to the Environment Outreach page on the web site.

## **MCM 6. Pollution Prevention/Good Housekeeping for Municipal Operations**

### **Permit Requirements:**

The City must document the methodology for the development of a prevention/good housekeeping program for municipal operations. The rationale statement must address the overall prevention/good housekeeping program and the individual BMPs, measurable goals and responsible person(s) for the program. The rationale statement shall include the following information at a minimum.

Targeted Audience: General public, schools, elected officials, developers, contractors, professional groups and civic clubs.

### **Rationale Statement:**

The city has a program that includes litter program a that goes out frequently to retrieve litter along the right a ways and drain ditches. We also are inspection all city operations to ensure that all areas are maintained with good housekeeping and all illicit product or other pollutant are maintained and disposed of properly. This program is directed and maintained by the street department supervisor.

### **Current Programs: (BMP)**

Continue in 2016 the programs that are already in place that informs the public of the need to maintain good housekeeping to eliminate storm water pollution.

The city has a litter program that picks up trash before it pollutes the storm water.

The city's will enhance its web site to have an Environmental Outreach page that will have a comment section for the public to note where the litter crew is need.

Recycle Program- the city has established a recycle center to accept certain recyclable materials from the public.

### **Measurable Goals:**

The city has in place a program for educating the public with direct mailings, pamphlets, and web site. The web site will have a comment section for making comments concerning pollution and housekeeping. The city has a litter program that works on a consistent basis removing litter from the city and has a recycling program.

The City has accomplished good housekeeping by putting most of the goals in motion and having a proactive litter enforcement program. The city will

continue to improve the web site and informing the general public for more participation.

**Future Programs:**

Continue in 2016 the programs that are already in place.

Increase community involvement by facilitating clean up days and inviting civic groups and organizations to participate in the program. Review all comments on web site and react to any possible pollution reported. Continue the process of improving our maps to reflect areas needing housekeeping.

This report is prepared by:

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