

CITY OF LEEDS

2016

ANNUAL STORM WATER REPORT

FOR

ALABAMA DEPARTMENT OF ENVIROMENTAL MANAGEMENT

Submitted By: BRAD WATSON
Building Inspection Supt.
City of Leeds

Prepared by
City of Leeds
(205) 699-0907

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.

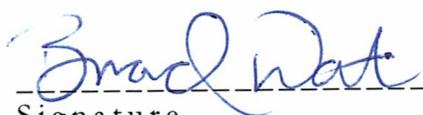
David Miller, Mayor
City of Leeds, Alabama



Signature

October 31, 2016
Date

Brad Watson, Building Inspection Supt.
City of Leeds



Signature

October 31, 2016
Date

Introduction

Phase II Annual Report - 2016

1. 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.

2. 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 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: 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. In Program Year 2015, the City distributed over 1000 brochures to permit applicants. Additionally, the City has included storm water educational materials to residents during point of contact events, i.e. code enforcement actions, zoning cases, etc. **See exhibit 1**

B. *Website* - Citizens often use web-based material to get relevant information on a program's effectiveness. Information can be accessed anytime and 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. Links have been provided which allows residents to view the City's SWMP, Maps, and Annual Report. **See exhibit 2**

C. *Workshops* - In 2015 the City provided NEMO training for elected officials, planning officials and the public. The City promotes local and regional workshops to contractors, residents, elected officials to educate stakeholders regarding water quality issues.

D. *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. **See exhibit 3**

E. *Recycling* - The City operates a permeant recycling station at 1440 9th St, Leeds, AL 35094, Thursday- Friday 9AM-4PM and Saturday between 7:30AM-12:30PM. The facility accepts Aluminum Cans, Cardboard, Newspaper, Office Paper, and Plastics. In program year 2015 the facility collected >100 tons of material

F. *Report a Concern* – The maintains a website to accept the concerns of citizens regarding issues related to the MS4. The City maintains a database of these inputs as well as information related to the complaint from inception through complaint termination. This allows the City to have a comprehensive monitoring program. This program promotes the empowerment of citizens to stop illicit discharges. The Storm Water Hotline allows citizens to call in an illicit discharge or file a complaint online. **See exhibit 4**

G. *NEMO* - Training will continue for elected and appointed officials. The City hosted NEMO training for elected officials, Planning Commission, Board of Zoning Adjustments and Redevelopment Authority Members **See exhibit 5**

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

Future Programs:

During 2016 the City will continue with the programs that are already in place. The City will work to 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: Public, schools, elected officials, developers, contractors, professional groups, and civic clubs.

Current Programs:(BMP)

A. *Public Participation* -The City invites public input into its programs by presenting information at City Council Meetings, Zoning Meetings, Festivals and Parades, Website and during normal day to day business.

B. *Brochures* – The City of Leeds has prepared brochures designed to target various groups, i.e. contractors, homeowners, pet owners, etc. The brochures are designed to educate the public on how their behaviors impact water quality. Webcasts – The webcast forum allows public viewing of storm water management practices through streaming online video. **See exhibit 2**

C. *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.

D. *Erosion and Sedimentation Control Workshops* – To educate contractors, developers and engineers; the city promotes 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. The City incentivizes builders and developers to attend and obtain QCI certification. **(See exhibit 6)**

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: 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 selected outfall site for recycling bins with signage. The City began testing outfall locations to analyze for pollutants and has established a database to track this information. The City has expanded the number of outfall monitoring sites from the 1 site while a member of the Storm Water Management Authority to 2 outfalls along the Little Cahaba River in the City of Leeds (**See exhibit 7**). The City has conducted both wet weather and dry weather testing (**See exhibit 8**), with testing results within normal parameters. The City will continue water sampling and testing to detect IDDE. The resulting datasets from the will allow the city to characterize the waterways within the city.

The city has achieved many of the measurable goals such as setting up recycling and educating the public and official about illicit discharge. The city also has sampled at designated 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 2016-17.

The City of Leeds continues to build upon its existing mapping of storm water infrastructure (**See exhibit 9**).

Future Programs:

Continue in 2016 the programs that are already in place.

Create and maintain maps which reflect all outfall locations.

The City maintains brochures 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: Public, schools, electe44officials, 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 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 provide a link to the city ordinance that pertains to storm water runoff and pollutants.

In calendar year 2015 the City issued 44 land disturbance permits for project sites which were 1 acre or less in the City. Staff performed 198 inspections during construction to ensure that BMP's were installed and maintained in conformity with the Alabama Handbook. (See Exhibit 10)

Sites greater than one acre, the City verifies that a NPDES permit has been obtained from ADEM. The City is dependent upon ADEM for compliance and enforcement activity at these sites.

The City implemented its website and will continue to improve the site and with its goals of informing the public to encourage additional participation in improving water quality.

Future Programs:

Continue in 2016 the programs that are already in place.

Continue the ongoing effort of reviewing the storm water ordinance to ensure sure it contains language that allows the city to regulate those construction site containing 1 acre or less of disturbed area

Continually maintain and update a list of all permits for construction and visit each site for verifying compliance. Add construction sites to mapping for future pollutant information.

Add construct ion 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 is working to develop and implement more robust 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: 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 city ordinances to ensure they cover **all** construction sites that are less than 1 acre with enforcement authority. The City will work to develop protocols that will foster working relationships with ADEM and EPA regarding those sites which fall under their regulatory authority.

Post Construction – Structural – The City conducts routine maintenance of the post construction storm water control structures it has direct responsibility. In 2015 the City of Leeds performed Level 1 maintenance of the Clairmont Park Detention Pond-TPID 2601110001031017 (removing trees, sediment build up and refurbishing inlet and outlet structures) and the Hunter's Ridge Detention pond TPID 25000191002096000 (privately owned – removed trees, sediment build up and refurbishing inlet and outlet structures). In 2015 the City- has inspected the Leeds City Hall Detention Pond 2500202001044000, Leeds Fire Station 2 Pond 2500202001044002, Lowes 2602100004001000, Rowan Springs 2500203004004000. There are 15 known structural BMP's in the City of which 3 are active and under the supervision of ADEM. Of this number 6 were inspected with the city performing significant remediation work on 2 of these structures. **See Exhibit 13**

Future Programs:

Continue in 2016 the programs that are already in place.

The City will review its storm water ordinance to verify that it is compliant with State and Federal Law.

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 continues its prevention/good housekeeping program for municipal operations.

Targeted Audience: 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. The City performs ongoing inspections of city operations and infrastructure to ensure that all areas are maintained with good housekeeping, Additionally, all illicit product or other pollutants 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.

Annual Clean-up Campaign The city has a litter program that picks up trash before it pollutes the storm water. During 2015 the City conducted a Spring city wide clean-up event during which 15 volunteers picked up 1.1 tons of road side litter. **(See exhibit 11)**

Street Sweeping -The City conducts scheduled street sweeping of its streets, this service prevented some 312 yards of material from entering the MS4 in 2015.

Bulk Waste Pick-up – The City requires residents of single family and small multi-family properties to subscribe to it bulk waste program. The City removes approximately 3120 tons annually of bulky waste material.

Household Garbage – The City requires residents to subscribe to trash service. This program reduces the opportunity for trash and household waste to enter the MS4 and serves over 3 thousand households in the City of Leeds. **(See Exhibit 12)**

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 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 from the 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:

Brad Watson
City of Leeds, Alabama
1040 Park Drive
Leeds, AL 35094
205-699-0907 office
205-577-1484 cell

Exhibit 1

Informational Brochures

Erosion Control is Important

This brochure contains an abbreviated version of Best Management Practices (BMP's) for individual lot construction. These practices should be used as aids to keep sediment on the construction site. Contact the City of Leeds at 205-699-2585 for any further regulations.

The result of improper BMP installation on single family homes and construction sites contributes greatly to the amount of sediment released into Alabama's streams and waterways. Sediment is the number one pollutant of waterways in Alabama and surrounding states

Sediment can adversely affect our water quality by destroying the habitat that is critical to aquatic organisms and fish. It can also lower property values by destroying the chances for recreational water activities, promoting the growth of weeds and algae and increasing the chances of flooding.

The City of Leeds must regulate construction sites to ensure that sediment stays on-site for all construction sites. This regulation is mandated by the Environmental Protection Agency (EPA) and is enforced in the Erosion and Sedimentation Ordinance.

Best Management Practices for Individual Lot Construction

Cont'd

- Install geotextile fabric under riprap

Inlet Protection

- All inlets must have some form of protection
- Install before any sediment is moved on-site.
- Must be inspected and maintained regularly.

Stockpile Placement and Protection

- Build stockpiles away from streams, drainage ways, wetlands and storm water inlets
- Temporary seeding or mulching must be performed if sediment is to remain unremoved for 14 working days.

Re-vegetation/ Run-off Protection

- Stabilize all exposed surface from erosion.
- Seed, sod or mat final graded surface.
- Seed all swales, rights of way, curb inlet areas and buffers along streams and wetlands
- Mulching can be used where acceptable.

ALWAYS REFER TO THE ALABAMA HANDBOOK TO DETAILED INFORMATION.

The use of properly installed BMP's can aid in keeping the sediment on-site. The following are a few useful BMPs for construction on individual lots.

Construction Exit Pad/Entry

- Prevents tracking soil and debris into roadways.
- Requires 6" aggregate or more if needed.
- Install during clearing and grubbing stage—should be maintained through out construction.
- Install geotextile under entrance.

Silt Fences

- Used as most common BMP to trap sediment and intercept runoff.
- Install filter fabric correctly by trenching a portion of it in ground and always remember to place stakes downhill.
- Maintain until permeant vegetation is established.
- Never use on steep slopes or concentrated flow areas.
- Know the difference between the different types of fences.
- Refer to the Alabama Handbook

Sediment Cleanup and Good Housekeeping

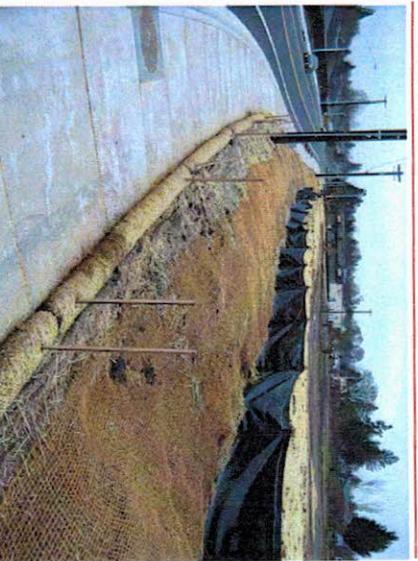
- Clean up site after each work day by sweeping or scraping off soil tracked onto roads.
- Inspect all BMP measures and repair as needed after each storm event.
- Don't allow sediment to build up on silt fence. Clean before the mid point of the fence is reached.
- Refer to Alabama Handbook

Outlet Protection

- Used on concentrated flows to dissipate energy.
- Cuts down on bank erosion in streams.
- Install over-sized stone (riprap) for calculated design velocities



EROSION AND SEDIMENT CONTROL - INDIVIDUAL LOTS



Resources

Erosion and Sedimentation Ordinance— (available at www.leedsalabama.gov)

Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas—includes detailed information for following construction BMP's:

- Stabilized Construction Entrance
- Gradient Terraces & Surface Roughening
- Topsoil and Mulch
- Seeding & Sodding
- Trees, Shrubs & Vines
- Erosion Control Matting & Geotextiles
- Check Dams & Silt Fence
- Straw Bale & Sandbag Barrier
- Brush or Rock Filter Berm
- Temporary Sediment Trap & Basin
- Bank Stabilization & Soil Bioengineering
- Divisions & Swales
- Channel Linings, Gabions & Riprap
- Temporary Inlet & Outlet Protection
- Level Spreader
- Floating Sediment Curtain

To access the handbook online go to :

http://swcc.alabama.gov/pages/erosion_control.aspx

Please report illegal dumping or discharges in streams, ditches, catch basins or streets to the City of Leeds at 205-699-2585—Inspections

Information contained in this brochure was taken from the City of Knoxville ESC Brochure, Jefferson County Health Dept. Storm Water Program and the Alabama Handbook

Construction Checklist

The process of building a home or adding to your existing residence has a few key steps that must be remembered. The following checklist will give you an aid in this process:

- Evaluate the Site:** Before any land disturbance has taken place on the site; mark any trees and the areas to be preserved; streams; wetlands; potential erodible soils such as cherty soils (high rock%) and vegetation that could be useful for filter strips, especially on the perimeter areas. Always call Alabama One Call at 1-800-292-8525.
- Permitting:** Before starting any land disturbance, make sure that all necessary permits have been secured through the proper permitting authority.
- Install Perimeter Controls :** Identify potential runoff areas where sediment could be channeled offsite. Install perimeter controls such as buffer strips, silt fences, storm drain inlet protection devices or other BMP control measures to minimize sediment runoff.
- Build House and Install Utilities**
- Maintain Erosion and Sedimentation Controls:**
 - Inspect at least once per week or every 0.75 inch rain event, whichever is more frequent. Maintain until construction is complete. Clean off roadway and site of all debris and sediment.
 - Revegetate Site:** Immediately after house construction is complete, the lot should be stabilized with seed, sod, mulch, or mats. Redistribute the stockpiled soil
 - And spread to a depth of 4-6 inches over graded areas. Mulch newly seeded areas.
 - Remove all Erosion Control Measures:** After stabilization remove BMP's

CITY OF LEEDS

STORM WATER PROGRAM



What are the Benefits to Compost?

Compost can prevent pollutants from entering into storm water runoff and reaching surface water resources. Another advantage of using compost is that it has been shown to prevent erosion and siltation near water banks, creeks, lakes, streams, roadways and golf courses.

Fertilizer Versus Compost

Fertilizer contains large quantities of nutrients such as nitrogen and phosphorous that can potentially wash into storm drain and ultimately into a lake or stream. Nutrients from fertilizer may prompt algal blooms, causing aquatic plants to over grow and suffocate other aquatic life. As a result, algal blooms can remove the oxygen in the water that fish and other organisms need to breathe.

Compost can enhance soil structure and provide nutrients from a composition of decaying organic matter. Compost allows natural fertilizer to be applied to lawns and gardens assisting in the condition of the soil and increasing the nutrients. Compost has been discovered to suppress plant disease and pests, reduce or remove the need for chemical fertilizer, and increase agricultural crops' growth.

Composting is Easy and It Makes Sense!

As an alternative to organic matter entering into storm drains, streams, creeks or landfills, compost can be converted into a beneficial resource which can even be reused around the household or environment.

Listed below are examples of how compost can be beneficial in your area:

- Farmers can use compost to enhance produce and grassy areas along their property.
- Landscapers can use compost as a soil modification for decorative purposes along properties, golf courses and playing fields.
- Landfill operators can use compost to cover waste areas onsite where waste material has been buried and during revitalization projects.
- Garden operators can use compost for improving plant and forest seedling crops in reforestation projects and for preventing certain plant diseases.
- Public operations can use compost for landscaping roadways, recreational parks, and other public property for remediating contaminated or weathered road sites.
- Homeowners use compost to enrich gardens and soils around trees and shrubs.

Composting yard trimmings save landfill space and lowers methane production in landfills. The composting process can absorb odors and treat organic compounds. It binds heavy metals and prevents them from transferring to water resources being absorbed by plants and contaminated soils.

Compost has the ability to help restore poor soils. Composting strengthens the production of micro-organisms that break down organic matter to create humus. Humus is a rich nutrient-filled material that increases the nutrients in soils and helps maintain moisture.



Green Tips around the home!

- If you choose to apply fertilizer on your property, read the label carefully and always use precautions in using fertilizer products.
- Use only the amount recommended on the product label. Any amount left over should never be mixed with other fertilizer or pesticide products.
- Avoid applying fertilizer products outside on windy or rainy days. Never apply fertilizer near storm drains or creeks.
- Maintain existing trees on your property, and plant trees and shrubs that prevent erosion and support infiltration of water into the soil.
- Disperse organic deposits such as grass, wood chips, and leaves on soil to act as a compost system to prevent erosion and runoff.
- If you select a professional lawn care service, select a company that uses practices to minimize the use of fertilizers and pesticides.
- Misuse of fertilizers can damage the soil's natural resources essential for healthy grasses and plants. Contact Alabama Cooperative Extension System (ACES) Office or a garden supply center for a soil test kit.

References

Polluted Runoff
(Nonpoint Source Pollution)
Do's and Don'ts Around the Home

<http://www.epa.gov/owow/nps/dosdont.html>

Wastes-Resources Conservation
Reduce, Reuse, Recycle-Composting

<http://www.epa.gov/epawaste/conservation/composting/questions.htm>

Alabama Cooperative Extension System
(ACES) Soil Testing Laboratory

<http://www.aces.edu/anr/soillab/>

Stormwater Hotline
205.930.1999



Jefferson County Department of Health
1400 Sixth Avenue South • Birmingham, AL 35233
WWW.JCDH.ORG

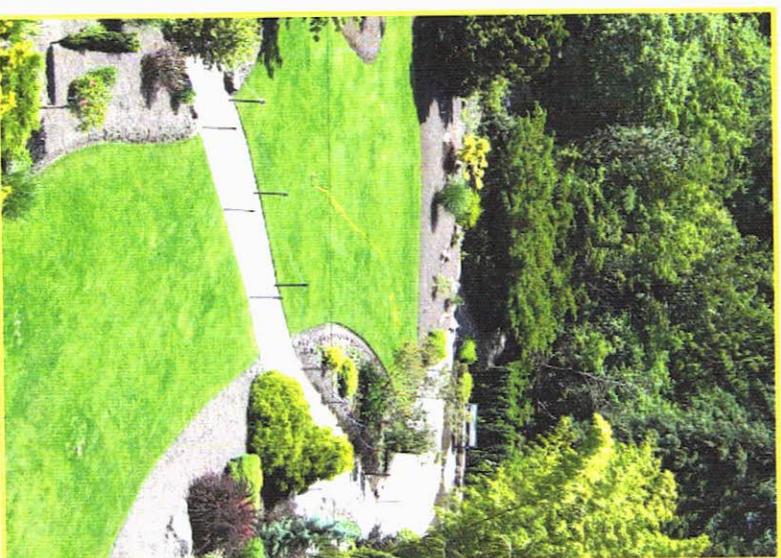


Jefferson County Department of Health
Watershed Protection Division

in Cooperation with the

Stormwater Management Authority

**Keep It Green
and Simple**



Integrated Pest Management

Pesticides should be applied only as needed. Integrated Pest Management (IPM) practices should be utilized before applying pesticide products. IPM practices can be applied in rural and urban areas such as in the home, yard, garden area and the workplace to prevent pests from becoming a threat.

Integrated Pest Management is used to incorporate the biological, physical, and least-toxic chemical pest prevention and control methods. IPM controls pests by the most cost-effective means and with the least possible hazards to people, property and the environment.

The least effective control approach is the application of chemicals alone. Using chemicals alone can result in very poor control to reduce or eliminate pests. Sanitation is the key! Remove access to food, water and shelter from pest.

Examples of Integrated Pest Management Practices Include:

- Vegetation, shrubs and wood mulch should be kept at least one foot away from structures.
- Cracks and crevices in walls, floors and pavement should be sealed or eliminated.
- Fertilizers should be sparingly applied seasonally during the year, rather than one heavy application.
- If pesticides are necessary, use spot treatments rather than area-wide applications.

Pest Control and Safety

Once you have identified the pests around your home or work area, purchase only the amount of pesticides that you are going to use. Any leftover pesticides should be used; for example, you can ask your neighbors if they have a similar pest control problem and allow them to use the pesticide.

Always keep pesticides in the original container, separate from fertilizer and herbicides products. Do not reuse the containers with remaining pesticide products. Place containers in the trash, unless the label specifies a different procedure.

Listed below are safety tips that you can follow if children visit your home or yard:

- Always store pesticide products away from children, such as; in locked cabinets or garden sheds.
- Avoid placing rodent or insect baits where small children can get to them.
- Teach children that "pesticides are poisons" - something they should not touch.
- Caution others of the potential hazard of pesticides, including care givers and grandparents.



Storm Drains

Pesticides can negatively affect the quality of water. Whatever flows into the storm drain flows untreated into the waterway. A storm drain is designed to carry excess storm (rain) and ground water from streets and parking lots to prevent flooding. Rain water soaks into the ground; however, once there is pavement blocking water from gaining access to the soil, rain water goes through the storm drains.

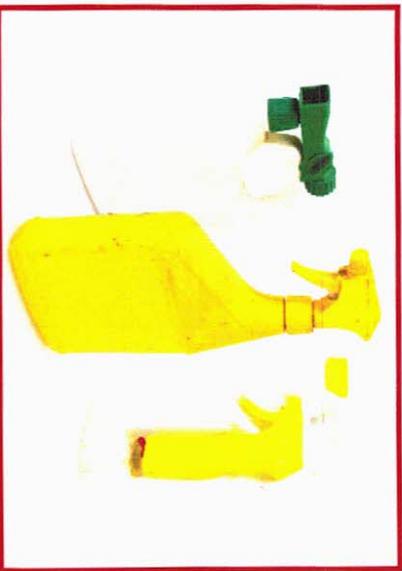
Never store pesticides in places where flooding is possible or in places where they might spill or leak into wells, drains, ground water, or surface water. Stormwater runoff can transport chemicals from fertilizers, herbicides, and pesticides into storm drains, streams or waterways. Surface runoff containing these chemicals may cause harmful effects in the water supply and damage a wide variety of organisms. Any debris or chemicals from household gardens, driveways, yards, and streets can be washed into the storm drains.

Pesticides can pollute the waterways. Always avoid pouring leftover pesticides down the sink, toilet, or storm drain. Pesticides may interfere with the operation of wastewater treatment systems or pollute the waterways. If pesticides reach the waterways, they may harm fish, plants, and other living things. Several organisms are harmless and even valuable to the ecosystem.

Small amounts of pesticides can be toxic to aquatic life. Aquatic plants and animals need oxygen and clean water to survive. Household wastes can enter the waterways through storm drains and negatively impact the water quality by decreasing oxygen reserves and contaminating the water.

Pest Smart Tips

- If you choose to use pesticides, read the label carefully and always use precautions to apply pesticides.
- Never water your lawn after applying pesticides.
- Use only the amount recommended on the product label. Any amount left over should never be mixed with other pesticide products or chemicals.
- Always wear appropriate protective clothing. Never wash contaminated clothing with other clothing.
- Avoid planting your garden where treatments for pesticides are regularly applied.
- Avoid applying excessive amounts of pesticide products. Runoff from chemicals can spread onto concrete or paved surfaces and may enter storm drains or waterways with NO treatment.
- Avoid applying pesticide products outside on windy or rainy days. Never apply pesticides near storm drains or creeks.



References

- Alabama Integrated Pest Management Information Center-
What is IPM?
<http://www.aces.edu/anr/ipm/whatisIPM.php>
- Alabama Cooperative Extension System-Integrated
Pest Management
<http://www.aces.edu/anr/ipm/>
- Pesticides: Topical & Chemical Fact Sheets-Integrated
Pest Management (IPM) Principles
<http://www.epa.gov/pesticides/factsheets/ipm.htm>
- Pesticides: Topical & Chemical Fact Sheets-Pesticide Safety Tips
http://www.epa.gov/pesticides/factsheets/pest_tl.htm
- PestWise An EPA Partnership Program-Integrated
Pest Management (IPM) Fact Sheet
http://www.epa.gov/pestwise/htmlpublications/ipm_fact_sheet.html
- Pesticides
<http://www.epa.gov/pesticides/>
- Pesticides: Regulating Pesticides-Safe Disposal of Pesticides
<http://www.epa.gov/pesticides/regulating/disposal.htm>
- Integrated Pest Management (IPM) in Schools
<http://www.epa.gov/pesticides/ipm/>
- Citizen's Guide to Pest Control and Pesticide Safety
http://www.epa.gov/opptfeed1/Publications/Cit_Guide/citguide.pdf
- University of Michigan Occupational Safety and Environmental
Health Storm Water-Proper Use of Pesticides, Herbicides
& Fertilizers
<http://www.oseh.umich.edu/environmental/pesticidesandfertilizers.html>



Jefferson County Department of Health
Watershed Protection Division

in Cooperation with the

Stormwater Management Authority

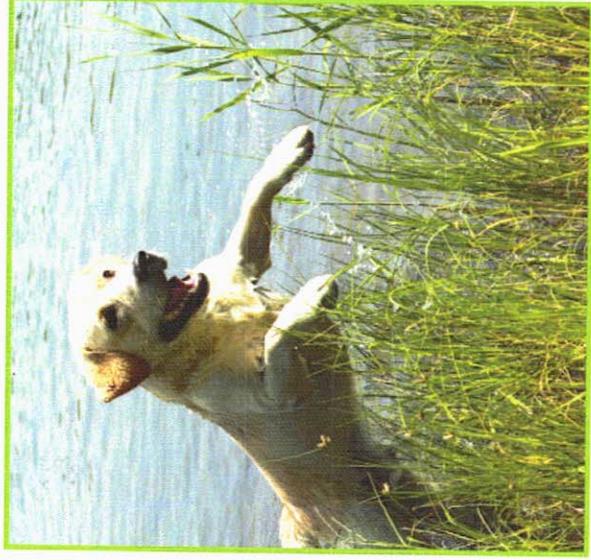
Pesticides



Stormwater Hotline
205.930.1999

Jefferson County Department of Health
1400 Sixth Avenue South • Birmingham, AL 35233
WWW.JCDH.ORG





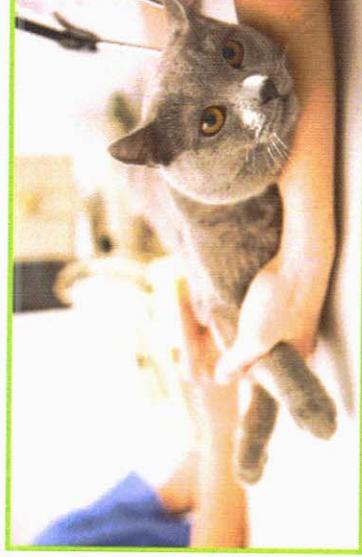
What Are The Health Effects of Pet Waste?

Another health concern associated with pet waste is pathogens. If ingested, humans can be adversely affected by pathogens found in pet feces.

E. coli is a common bacteria. Prominent strains can initiate serious illness and even fatalities. *E. coli*, which causes abdominal gas and diarrhea, has been the source of disease outbreaks in several states.

Cryptosporidium is highly resistant to disinfection with chlorine. This microorganism causes gastrointestinal illness lasting 2-10 days in healthy individuals, but can pose a fatal threat to people with weakened immune systems.

Cat feces may contain toxoplasmosis, a parasite that transmits a disease to humans and other animals. Cats are the only animals identified to release toxoplasmosis oocysts, which are resistant to most disinfectants. Toxoplasmosis is a health risk for pregnant women and individuals with weakened immune systems.



What Can I Do To Prevent Pet Waste

Picking up your pet waste can result in a cleaner neighborhood and better water quality. Proper disposal of pet feces is important in reducing sources of water pollution.

Pet waste can be discarded by the following methods:

- Flushed down the toilet as long as it is not mixed with other material.
- Sealed in a plastic bag and put into the garbage.

These methods allow a community sewage plant or septic system to appropriately treat waste.



What Happens To My Pet Waste?

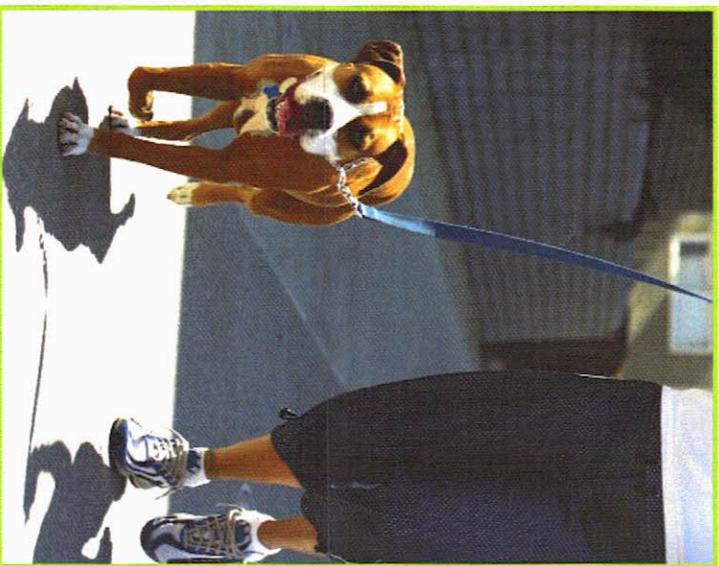
A hidden danger to public health can be found in your very own back yard. Pet waste left on sidewalks, streets, or other paved surfaces are carried by storm water into storm drains and streams.

Storm drains may not always connect to treatment facilities for water purification. Animal feces untreated can end up in local streams and rivers causing water pollution.

Decomposing pet waste consumes oxygen and can release ammonia. Lower oxygen levels and ammonia can result in harmful health effects to fish and aquatic life. Bacteria, viruses, and parasites transmitted by pet waste may pose a danger to the health of humans and wildlife. Nutrients contained in pet waste also support weed and algae growth.

Tips For Pet Owners

- Choose grassy areas, parks, or undeveloped areas to walk your pets. Stream banks should be avoided as the common territory of animals.
- Pick up after your pets. Pet waste left behind may be washed into storm drains, streams or waterways.
- Pet waste should not be added to backyard compost piles. Although animal manure can make useful fertilizer, parasites carried in dog and cat feces can lead to diseases.
- Regular check-ups and vaccinations by your local veterinarian are important to protect your pet against parasites and pathogens.



References

- Source: Water Protection Practices Bulletin-Managing Pet and Wildlife Waste to Prevent Contamination of Drinking Water. United States Office of Water. EPA 916-F-01-027 Environmental Protection (4606) July 2001 Agency.
- Alabama Department of Environmental Management. No date. When Your Pet Goes on the Lawn, Remember It Doesn't Just Go on the Lawn. [<http://www.adem.state.al.us/Publications/Miscellaneous/dog2.PDF>] [PDF - 765 KB - 2 pp]. Accessed September 8, 2005.
- City of Albuquerque, New Mexico. 2005. Pet Waste and Water Quality. [<http://www.cabq.gov/flood/scoopoop.html>]. Accessed September 8, 2005.
- City of Oskosh, Wisconsin. 2001. Responsibilities of Pet Owners in the City of Oskosh. Accessed September 8, 2005.
- City of Poway, California. No date. Poway Dog Park website History of Dog Park. Accessed September 8, 2005.
- Kemper, J. 2000. Septic Systems for Dogs? Nonpoint Source News-Notes 63.
- Lehner, P.H., G.P. Aponte Clarke, D.M. Cameron, and A.G. Frank. 1999. Stormwater Strategies: Community Responses to Runoff Pollution. Natural Resources Defense Council, New York, NY.

Stormwater Hotline
205.930.1999



Jefferson County Department of Health
1400 Sixth Avenue South • Birmingham, AL 35233
www.jcdh.org



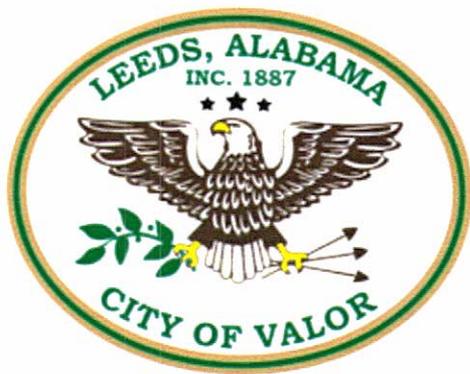
Jefferson County Department of Health
Watershed Protection Division
in Cooperation with the
Stormwater Management Authority

Scoop Away The Pet Waste



Exhibit 2

Website



LEEDS

Alabama

Departments ▶ Inspection Services ▶ Environmental ▶ Storm Water

Storm Water

Storm water is the most common source to water pollution in the United States. Did you know that storm water is not treated and goes straight to a body of water -- where we swim & fish? All of this pollution comes from people. Storm water collects, mixes and drains exposed material on the surface such as litter, trash, dirt, metals, oil, pesticides, herbicides, fertilizers, paint, and other illicit discharges/improper disposals. Since storm water is not treated, these pollutants are directly discharged to our creeks, rivers, and other bodies of water.

The area where rain falls and is collected is known as a watershed. Currently, the Leeds city limits intersect the Cahaba River Watershed.

The City of Leeds is working with ADEM to improve the water quality in our local creeks and rivers. The City of Leeds's 2014 Storm water Management Program Plan is implemented by numerous departments including Public Works, Parks & Recreation, Inspection Services, and Fire & Rescue. But all cities must rely on its citizens to minimize their own impacts on storm water quality and to help maintain healthy waterways. We encourage you to see our Education and Outreach Page. You may want to get involved in a watershed community group, participate in cleanup events, recycle, and read our brochures on storm water pollution prevention.

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LEEDS

Alabama

Departments ▶ [Inspection Services](#) ▶ [Environmental](#) ▶ [Storm Water](#)

▶ [Reports and Documents](#)

Reports and Documents

The City of Leeds has been issued National Pollutant Discharge Elimination System General Permit Number [ALR040047](#) , which expires on January 31, 2016 (unless extended by ADEM). Pursuant to the permit requirements, the City of Leeds is require to maintain a [Storm Water Management Plan](#) and to file an [annual report](#) on its activities related to the permit.

Storm Water Testing Reports

1. [December 2015](#)

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LEEDS

Alabama

Departments ▶ Inspection Services ▶ Environmental ▶ Storm Water ▶ Gallery

Gallery



**Examples of Construction BMP's
which are inadequate or not
properly maintained by the
contractor.**



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LEEDS

Alabama

Departments ▶ Inspection Services ▶ Environmental ▶ Storm Water

▶ **Report Storm Water Issues**

Report Storm Water Issues

To report issues related to storm water quality (not to be confused with issues related to storm water flooding) please use the form below:

[Complaint Intake Form](#)

(<http://www.cognitoforms.com/Leeds2/CityOfLeedsCodeComplaintIntakeForm>)

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(<http://www.pbjcal.org/jobsquest/>)

[Site Map \(/sitemap.aspx\)](#)

Exhibit 3

Pet Waste Stations



Clean water is everybody's business
Protect Potomac
Office: 202-430-1999
www.coh.org



**please clean up
after your dog**



dog waste 75

INSTRUCTIO



Exhibit 4

Report a Concern Storm Water



LEEDS

Alabama

Departments ▶ Inspection Services ▶ Environmental ▶ Storm Water

▶ Report Storm Water Issues

Report Storm Water Issues

To report issues related to storm water quality (not to be confused with issues related to storm water flooding) please use the form below:

[Complaint Intake Form](#)

(<http://www.cognitofrms.com/Leeds2/CityOfLeedsCodeComplaintIntakeForm>)

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Exhibit 5

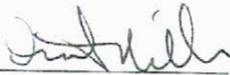
NEMO Training

**CITY OF LEEDS, ALABAMA
JOINT INSTRUCTIONAL PUBLIC MEETING
NOVEMBER 16, 2015**

The Council of the City of Leeds, Alabama met for an Instructional joint meeting with members of the Planning and Zoning Commission and the Zoning Board of Adjustments on Monday, November 16, 2015 at 5:05PM in the Leeds Civic Center Meeting Room, 1000 Park Drive, Leeds, Alabama 35094.

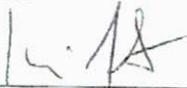
1. CALL TO ORDER: Mayor David Miller called the instructional meeting to order at 5:02PM with Councilmembers Kenneth Washington, Eric Turner, Johnny Dutton and Craig Wadsworth present. Councilmember Devoris Roscha Ragland was absent. The members present from the Planning and Zoning Commission and the Zoning Board of Adjustments are Rolland Isbell, Sam Pezzillo, Kelly Washburn, Ken Mudd, Mike Cauble, Eddie Cook and Kathy Drake.

2. Missy Middlebrooks and Marla Smith were present as representatives from the Alabama Department Environmental Management "ADEM". Ms. Middlebrooks made the introductions and supplied a brief description of the presentation which relates to Non Point Source Education For Municipal Officials "NEMO". Both representatives supplied an informative presentation regarding Storm Water and the responsibilities of the City regarding the NPDES Phase II MS4 Permit which the City currently maintains. The presentation concluded at 6:09PM after a brief session of questions from the attendees which were answered by the representatives from ADEM.



David Miller, Mayor

ATTEST:



Kevin Fouts, City Clerk

Exhibit 6

Storm Water Ordinance

ORDINANCE NUMBER: 2013-06-01
EROSION AND SEDIMENTATION CONTROL ORDINANCE

RECITALS

Article 1

DEFINITIONS

Article 2

ADMINISTRATION

Article 3

APPLICATION AND FEES

Section 3.01 Application.

Section 3.02 Permit Application Fee.

Section 3.03 Data Required on the Application for a Permit.

Section 3.04 Maintenance of Records

Section 3.05 Amended Application; Transfer of Permit

Section 3.06 Signatory Requirements.

Article 4

EXCLUSION

Section 4.01

Section 4.02

Article 5

BMP APPROVAL REQUIREMENTS

Section 5.01 General Requirements

Section 5.02 Design and Performance Standards

Article 6

MONITORING AND INSPECTION

Section 6.01

Section 6.02 Detection of Illicit Connections, Improper Disposal and/or Discharges

Section 6.03 Inspections

Article 7

ENFORCEMENT AND ABATEMENT

Section 7.01 Unauthorized Discharge a Public Nuisance

Section 7.02 Accidental Discharges

Section 7.03 NPDES Permits for Storm Water Discharge Associated with Construction Activities

Section 7.04 Immediate Threats to Public Health or Welfare

Section 7.05 Notification; Enforcement Remedies

(a) Notification of Violation

(b) Compliance Order

(c) Cease and Desist Orders

Section 7.06 Unlawful Acts, Misdemeanor

Section 7.07 Judicial Proceedings and Relief.

Article 8

STORM WATER APPEAL BOARD OF STORM WATER MANAGEMENT AUTHORITY

Section 8.01 Storm Water Appeal Board of Storm Water Management Authority

Section 8.02 Variances

Article 9

MISCELLANEOUS

Section 9.01 Notices

Section 9.02 References

Section 9.03 Severability

Section 9.04 Captions

Section 9.05 Effective Date

**STORM WATER MANAGEMENT
EROSION AND SEDIMENTATION CONTROL
ORDINANCE**

RECITALS

WHEREAS, the sedimentation of streams, lakes and other waters of this state constitutes a major pollution problem; and

WHEREAS, sedimentation occurs from the erosion or depositing of soil and other materials into the waters, and control of erosion and sedimentation is deemed vital to the public interest and is necessary to the public health and welfare, and expenditures of funds for an erosion and sedimentation control program shall be deemed to benefit the public health and welfare; and

WHEREAS, the purpose of this ordinance is to provide for the creation, administration, control and enforcement of a program to reduce erosion and sedimentation problems pursuant to the National Pollutant Discharge Elimination System ("NPDES") permit ALS000001 from Alabama Department of Environmental Management ("ADEM") for storm water discharges from the Municipal Separate Storm Sewer System of the City of Leeds, Alabama ("MS4"), which will permit the development in the City of Leeds, Alabama, ("City") to continue with the least detrimental effects from pollution by sedimentation; and

WHEREAS, ADEM, pursuant to the authority delegated to it under the Clean Water Act, 33 U.S.C. Section 1251, *et seq.*, has required The City of Leeds to obtain a NPDES permit for storm water discharges from the MS4, effective March 1, 1995 and, therefore, City is subject to the federal storm water laws and regulations contained in 33 U.S.C. 1342 (P) and 40 C.F.R. 122.26, and is required to adopt a local erosion control ordinance. Act No. 95-775 of the Alabama State Legislature (Code of Alabama 1975, § 11-89C 1-14) and other provisions of the Code of Alabama 1975 grant the authority to adopt such ordinances to the governing bodies of all Class 1 municipalities within the State of Alabama, to the governing bodies of counties in which Class 1 municipalities are located and to the governing bodies of all other municipalities located within such counties, and where any such other municipality is also located partially within an adjoining county, then the governing body of such adjoining county and which governing bodies are specifically designated in 40 C.F.R. part 122, Appendices F, G, H or I or by ADEM pursuant to the authority delegated to it under the Clean Water Act, 33 U.S.C. Section 1251, *et seq.*; and

WHEREAS, it is the purpose of this ordinance to protect and maintain the environment of the City and the short-term and long-term public health, safety and general welfare of the citizens of the City by controlling discharges of pollutants to the City's MS4, thereby, maintaining and improving the quality of the community waters into which the storm water outfalls flow, including, without limitation, the lakes, streams, ponds, wetlands, sinkholes and groundwater of the City; and

WHEREAS, this ordinance controls the discharge of certain non-storm water to the MS4 from land on which land-disturbing activities are conducted, to the maximum extent practicable, and provides enforcement procedures and penalties to ensure compliance with such controls; and

WHEREAS, it is further the purpose of this ordinance to enable the City to comply with the NPDES permit and applicable regulations (40 C.F.R. ¶ 122.26) for storm water discharges; and

WHEREAS, the objectives of this ordinance are to:

- (a) control (i) the contribution of pollutants to the MS4 by storm water discharges associated with land-disturbing activities and (ii) the quality of storm water discharged to the MS4 from sites of land-disturbing activity;
- (b) prohibit illicit discharges to the MS4;

(c) control the discharge to the MS4 of any spills, dumping or disposal of materials other than storm water from sites of land-disturbing activity; and

(d) carry out all inspections, surveillance and monitoring procedures necessary to determine compliance and noncompliance with land-disturbing activity permits (singular, "Permit" and plural, "Permits").

WHEREAS, said Act 95-775 authorizes certain municipalities, which include the City, to form a public corporation to administer and oversee the requirements of the NPDES permit ALS000001 on behalf of each municipality; and

WHEREAS, such a public corporation was formed on March 13, 1997, under the name of Storm Water Management Authority, Inc. ("Authority"); and

WHEREAS, Jefferson County, Alabama and twenty-three municipalities within Jefferson County, including the City, are members of the Authority; and

WHEREAS, the members of the Authority decided that each municipality shall have the responsibility for the administration and review of construction best management practices plans ("BMP Plan"), and inspection of sites within its municipal limits on which land-disturbing activities are conducted.

NOW, THEREFORE, be it ordained by the City Council of the City of Leeds, AL("City Council") as follows:

Article 1

DEFINITIONS

Section 1.01 Definitions.

For the purposes of this ordinance, the following words and terms shall have the meaning assigned to them in this section.

Accidental Discharge a discharge prohibited by this Article into the MS4 or community water which occurs by chance and without planning or consideration prior to occurrence.

Adverse Impact any deleterious effect on waters or wetlands, including their quality, quantity, surface area, species composition, aesthetics or usefulness for human or natural uses which are or may potentially be harmful or injurious to human health, welfare, safety or property or to biological productivity, diversity or stability, or which would unreasonably interfere with the enjoyment of life or property.

Agriculture activities undertaken on land for the production of plants, crops, and animals which are useful to man.

Alabama Department of Environmental Management (herein abbreviated as "ADEM") - the State of Alabama regulatory agency, created under Code of Alabama 1975, § 22 22A 1, et seq., responsible for administering and enforcing the storm water laws of the United States of America and the State of Alabama.

Applicant any person, firm, corporation or governmental agency who executes the necessary forms to procure approval of Best Management Practices Plans from the Official.

Authority Storm Water Management Authority, Inc.

Best Management Practices (herein abbreviated as "BMP") - activities, prohibitions of practices, maintenance procedures and management practices designed to prevent or reduce the pollution of waters to the MS4. Best Management Practices also include treatment requirements, operating procedures and practices to control facility site runoff, spillage or leaks, sludge or waste disposal or drainage from raw material storage and construction sites.

Best Management Practices Plan (herein abbreviated as "BMP Plan") - a set of drawings and/or other documents submitted by a person as a prerequisite to obtaining a Permit, which contain all of the information and specifications pertaining to BMP.

Clean Water Act (herein abbreviated as "CWA") - the federal act (33 U.S.C. § 1251 through § 1387) which was formerly referred to as the Federal Water Pollution Control Act and Federal Water Pollution Control Act Amendments of 1972, Public Law 92-500, as amended by Public Law 95-217, Public Law 95-576, Public Law 6-483 and Public Law 97-117, 33 U.S.C. § 1251-1387.

Clearing the removal of trees and brush from the land, not including the ordinary mowing of grass or the maintenance of previously cleared areas.

Community Waters any or all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wetlands, wells and other bodies of natural or artificial surface or subsurface water into which the MS4 outfalls flow.

Contour a line of equal elevation above a specified datum, usually mean sea level.

Contour Line a line joining points having or representing equal elevations.

Discharge the passing of water or other liquid through an opening or along a pipe, conduit or channel; the rate of flow of water, silt, or other mobile substance which emerges from a pipe, conduit or channel, usually expressed as cubic feet per second, gallons per minute or million gallons per day.

Drainage the removal of surface water from a given area either by gravity or by pumping; commonly applied to surface water and groundwater.

Drainage Area that area contributing runoff to a single point measured in a horizontal plane, which is enclosed by a ridge line; the area of a drainage basin or watershed, expressed in acres, square miles or other unit of area.

Engineer a person currently licensed by the Alabama State Board of Registration for Professional Engineers and Land Surveyors to provide engineering services.

Erosion wearing away of lands by running water.

Erosion Control the application of measures to reduce erosion of land surfaces.

Grading any act by which soil is cleared, stripped, stockpiled, excavated, scarified or filled, or any combination thereof.

Illicit Connection - any man-made conveyance connecting an illicit discharge directly to the MS4.

Illicit Discharge any discharge that is not composed entirely of storm water, except discharges pursuant to a NPDES permit (other than NPDES Permit ALS000001) and discharges which are specifically excepted from this ordinance.

Minor Extension an addition to an existing utility pipeline or other utility line in which the land disturbed consists of fewer than 7,500 linear feet.

Municipal Separate Storm Sewer (herein abbreviated as "MS3") - a conveyance or conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man made channels and storm drains), owned or operated by a city, town or county or other public body (created by, or pursuant to, State law) having jurisdiction over storm water.

Municipal Separate Storm Sewer System (herein abbreviated as "MS4") - a system of municipal separate storm sewers, as defined hereinbefore.

NPDES National Pollutant Discharge Elimination System.

Outfall a point source (meaning any discernible, confined and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged, but not including return flows from irrigated agriculture or agricultural water runoff) at the point of a discharge to waters of the United States of America.

Permit any permit issued pursuant to this ordinance.

Permittee a person, party, government entity and all others who receive a permit to discharge under the NPDES.

Pollutant includes, but is not limited to, the pollutants specified in Code of Alabama 1975, § 22-22-1(b)(3) and any other effluent characteristics specified in a Permit.

Pollutant Loading the amount of a pollutant entering the MS4.

Qualified Credentialed Professional a Certified Professional In Erosion And Sediment Control ("CPESC") as determined by the Soil and Water Conservation Society ("SWCS") or the International Erosion Control Association ("IECA"). Other registered or certified professionals such as a professional engineer or a landscape architect, registered land surveyor, registered architect, registered geologist, registered forester, Registered Environmental Manager as determined by the National Registry of Environmental Professionals ("NREP"), Certified Professional Soil Scientist ("CPSS") as determined by the American Registry of Certified Professionals in Agronomy, Crops and Soils ("ARCPACS"), who can document the necessary education, training, and professional certification, registration, or credentials acceptable to the Official and can demonstrate proven experience in the field of erosion and sediment control shall be considered a qualified credentialed professional. The qualified credentialed professional must be in good standing with the authority granting the registration. The qualified credentialed professional must be familiar, and have expertise, with current industry standards for erosion and sediment controls and must be able to inspect and assure that nonstructural BMPs or other pollution control devices (silt fences, erosion control fabric, rock check devices, etc.) and erosion control efforts, such as grading, mulching, seeding and growth management, or management strategies have been properly implemented and regularly maintained according to good engineering practices and the requirements of this permit. A professional engineer ("PE") registered in the state of Alabama must certify the design and construction of structural practices such as spill prevention control and counter measures ("SPCC") plan containment structures, dam construction, etc.

Sediment solid material settled from suspension in a liquid that has been transported and deposited from its site of origin by air, water, ice or gravity as a product of erosion and has come to rest on the earth's surface either above or below a water surface, usually, inorganic or organic particles originating from weathering, chemical precipitation, or biological activity.

Silviculture the care and cultivation of forest trees, including site preparation, planting, pruning, thinning and harvesting.

Site any tract, lot or parcel of land or combination of contiguous tracts, lots or parcels of land which are in one ownership, and any combination of tracts, lots and parcels which are contiguous, are owned by two or more parties and are to be developed as a unit, subdivision or project.

Stabilization the prevention of soil movement by any of various vegetative and/or structural means.

Storm Water the excess water running off from the surface of a drainage area during and immediately after a period of rain. It is that portion of the rainfall and resulting surface flow that is in excess of that which can be absorbed through the infiltration capacity of the surface of the basin.

Storm Water Management the incorporation of a variety of activities and equipment into a plan to address concerns associated with Storm Water for the purpose of preventing pollution, improving water quality, keeping pollutants out of runoff, and the implementation of Best Management Practices.

Storm Water Management Program (herein referred to as "the Management Program" or "the Program") a program which covers the duration of the permit. It shall include a comprehensive planning process which involves public participation and, where necessary, intergovernmental coordination, to reduce the discharge of pollutants, to the maximum extent practicable, using management practices control techniques and system design and engineering methods and such other provisions which are appropriate.

Storm Water Permit a permit which grants permission to the holder to discharge storm water to the MS4 under the NPDES.

Stream a course of running water usually flowing in a particular direction in a definite channel and discharging into some other course of running water or body of water.

Structural Controls measures incorporated into existing Storm Water drainage systems or newly constructed systems to prevent or minimize the discharge of pollutants for the purpose of maintaining and/or improving water quantity and quality management; quantitative control by a system of vegetative and structural measures that control the increased volume and rate of surface runoff caused by man made changes to the land; qualitative control by a system of vegetative, structural and other measures that reduce or eliminate pollutants that might otherwise be carried by surface runoff.

Turbidity a condition in water or wastewater caused by the presence of suspended matter, resulting in the scattering and absorption of light rays. A measure of fine suspended matter in liquids.

Utility a business or service which is engaged in regularly supplying the public with some commodity or service which is of public consequence and need, such as electricity, gas, water, telephone service and telegraph service.

Variance the modification of the minimum storm water management requirements in situations in which exceptional circumstances, applicable to the site with respect to which the variance is requested, exist so that strict adherence to the provisions of this ordinance would result in unnecessary hardship and the granting of such modification would not result in a condition contrary to the intent of this ordinance.

Section 1.02 Repeal.

Ordinance 2007-06-01 adopting 2007 Soil Erosion Ordinance is hereby repealed.

Article 2

ADMINISTRATION

Section 2.01

- (a) The municipal engineer for the City, the municipal official or employee who is a qualified credentialed professional, such other municipal official or employee who has had sufficient experience dealing with erosion and sedimentation control to enable him to enforce the provisions of this ordinance, or the Administrator of the Authority and who is designated by the City Council ("Official") (whenever the word "Official" is used in this ordinance, it shall include the authorized agent of the Official) shall be the person responsible, on behalf of the City, to enforce the provisions of this ordinance as a part of the Authority's storm water management program. The Official shall be designated in a resolution adopted by the City Council.
- (b) When the Official determines that the City needs assistance to enforce the provisions of this ordinance, or that assistance would be helpful in the enforcement of this ordinance, the Official, or the Mayor of the City, if the City Council has not appointed an Official, may request the assistance of the Authority to enforce the provision of this ordinance on behalf of the City. Such request shall be made only after the adoption of a resolution by the City Council authorizing such request, unless the proposed request involves a matter which the Official, or the Mayor, if an Official has not been appointed by the City Council, considers to be an emergency, in which case the Official or the Mayor, if the City Council has not appointed an Official, may make the request without the approval of the City Council. Notwithstanding the foregoing, the City Council may, by the adoption of a resolution, authorize the Official to request the assistance of the Authority to enforce the provisions of this ordinance when the Official determines that the City needs such assistance.

Article 3

APPLICATION AND FEES

Section 3.01 Application.

- (a) Before the commencement of any land-disturbing activity that is not exempted from obtaining a Permit under this ordinance, the owner of the land on which such activity shall be conducted, or his duly authorized agent, must file with the Official an application for the approval of the owner's BMP Plan. The Official must either approve or disapprove the BMP Plan within fourteen (14) days of the day it is filed with the Official. If the BMP Plan is disapproved, the Official must inform the Applicant, in writing, of the reasons for its disapproval. If the Applicant, on one or more occasions, revises the BMP Plan or submits to the Official additional documents or information in connection with the BMP Plan, the Official must make a written response to the Applicant with respect to whether such revised BMP Plan and/or additional documents and information have been approved or disapproved by the Official. All such additional responses must be made by the Official to the Applicant within fourteen (14) days of the day such revised BMP Plan or additional documents or information are submitted to the Official. The land-disturbing activity may not be commenced prior to the issuance of the Permit by the Official. The issuance of the Permit shall not excuse the owner from the need to obtain other required state and local permits or licenses.
- (b) The minimum standards for the issuance of a Permit must meet the requirements of this ordinance.
- (c) Facilities that are covered under an ADEM NPDES permit for storm water discharge associated with construction activities ("ADEM NPDES permit") are exempt from the permitting requirements of this ordinance. However, prior to the commencement of any land-disturbing activity, the owner or developer of facilities that are covered under an ADEM NPDES permit shall submit to the Official copies of the ADEM NPDES permit authorization issued by ADEM, any relevant notice of intent and a copy of the BMP Plan. The holders of an ADEM NPDES permit shall be subject to the relevant portions of Section 5.01(ii) and Articles 6 and 7.

Section 3.02 Permit Application Fee.

Each application for the issuance of a Permit shall be accompanied by a non-refundable fee of one hundred dollars (\$100.00), for individual single family residences and four hundred dollars (\$400.00), for all other types of land disturbing activities, to help defray the City's cost of processing and reviewing the application and the inspections associated with the application. The applicant must submit three sets of its BMP Plan with its application and fee to the Official.

Section 3.03 Data Required on the Application for a Permit.

- (a) All applications for a Permit must include the following information:
- (1) name of Applicant;
 - (2) telephone number of applicant, telecopier number, if any, of applicant, and e-mail address, if any, of Applicant;
 - (3) address where Applicant, or other person who can furnish information about the land-disturbing activity (such other person must be a resident of Jefferson County, Shelby County or St. Clair County, Alabama), ("Contact Person") can be reached;
 - (4) name, address, telephone number, telecopier number, if any, and e-mail address, if any, of the owner of the project, the owner of the property on which the project is to be located and the ground lessee of the property, if any, on which the land-disturbing activity is to be conducted if the applicant is not the owner of the project and such property;
 - (5) legal description and address, if any, of the property upon which the land-disturbing activity is to be conducted;
 - (6) names, addresses, telephone numbers, telecopier numbers, if any, and e-mail addresses, if any, of all contractors and subcontractors who shall implement any BMP Plan; provided, however, that if the contractor and the subcontractors have not been selected when the application for a permit is filed, the Applicant shall furnish such information to the Official within five (5) days of the day or days on which the contractor and/or subcontractors are selected;
 - (7) name, address, telephone number, telecopier number, if any, and e-mail address, if any, of the qualified credentialed professional who has approved the BMP Plan application (this is required for all land-disturbing activities except those related to the construction of individual single-family residences);
 - (8) each application for a Permit must be accompanied by a map or a plot of the land on which the land-disturbing activity will be conducted and any other information that is required under the provisions of Article 5.

- (b) The detail of the BMP Plan must be commensurate with the size of the project, severity of the site condition and potential for off-site damage, as provided in Article 5.

Section 3.04 Maintenance of Records.

Records of compliance with the provisions of the Permit shall be maintained in the office of the owner or the applicant, shall be available to the Contact Person and shall be made available at any time for review by the Official; provided, that if such records are maintained without the State of Alabama and, because of their size, cannot be transmitted to the Official by telecopier, such records must be delivered to the Official (at no expense to the City or the Official) within forty-eight (48) hours of the earliest of the receipt by the owner, applicant or Contact Person of a request by the Official for such records.

Section 3.05 Amended Application; Transfer of Permit.

- (a) A Permit may be amended, without the payment of an additional fee, upon the filing with the Official of an amended or restated Permit application, containing all changes from the original application; provided, that the holder of the Permit shows to the reasonable satisfaction of the Official that there are no proposed changes which may affect the quantity and/or quality of storm water runoff. If an amended or restated application is filed with the Official with respect to land-disturbing activities for which a Permit has been issued, such existing Permit shall continue in effect, and the holder of the Permit may continue to operate under it unless and until an amended Permit is issued in response to the amended or restated application ("Amended Permit") at which time the original Permit shall expire and all land-disturbing activities must be conducted in accordance with the Amended Permit.

- (b) A Permit may be transferred, without the payment of an additional fee, upon the filing with the Official of an application for transfer; provided, that the holder and proposed transferee of the Permit show to the reasonable satisfaction of the Official that, upon or following the transfer, there will be no proposed changes which may affect the quantity and/or quality of storm water runoff. If there is a request for the transfer of a Permit and there are to be one or more changes in the operation of the project which is the source of the land-disturbing activity which may affect the quantity and/or quality of storm water runoff, the new owner or operator of such project must apply to the City for a new Permit prior to his involvement with the operation of such project.

Section 3.06 Signatory Requirements.

- (a) All applications and correspondence required by this ordinance to be submitted to the Official shall be signed as follows:
- (1) If an application or correspondence is submitted by a corporation, it must be signed by the president of the corporation or by a vice-president of the corporation who is in charge of a principal business function of the corporation, or any other person who performs similar policy-making or decision-making functions for the corporation, or who has been authorized to sign such applications and/or correspondence by a resolution adopted by the board of directors of the corporation. Proof of the authority of the signatory shall be provided to the Official, upon his request.
 - (2) If an application or correspondence is submitted by a limited liability company, it must be signed by a manager or other person who serves the same or similar function as the president of a corporation.
 - (3) If an application or correspondence is submitted by a partnership, it must be signed by a general partner of the partnership.
 - (4) If an application or correspondence is submitted by a sole proprietorship, it must be signed by the proprietor.
 - (5) If an application or correspondence is submitted by a municipality, the State or the federal government or by any municipal, state or federal agency, it must be signed by either the chief executive officer or a principal executive officer of any such government or by either the chief executive officer, a principal executive officer or a senior executive officer having responsibility for the overall operations of a principal geographic unit of any such governmental agency.

- (b) Any person signing any application or correspondence required by this ordinance shall make the following certification: "I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision and that I have personally examined, and I am familiar with, the information in this document and such attachments. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and civil penalty."

Article 4

EXCLUSION

Section 4.01

No person may conduct any land-disturbing activity without (i) having obtained a Permit from the Official or (ii) having provided the Official with a copy of an ADEM NPDES permit, any relevant notice of intent and a copy of the BMP Plan.

Section 4.02

Land-disturbing activities shall include any land change which may result in soil erosion from water or wind and the movement of sediment to the MS4, including, but not limited to, the clearing, dredging, grading, excavating, transporting and filling of land, except that the term shall not include the following:

- (a) Any land change on property about which the owner of the property has submitted information to the Authority proving, to the satisfaction of the Authority, that such property does not drain to the MS4. Such information may be submitted to the Official, who shall promptly deliver it to the Authority, and the determination as to whether such property drains to the MS4 shall be made by the Authority.
- (b) Agriculture.
- (c) Silviculture.
- (d) Such minor land-disturbing activities as home gardens, landscaping on individual residential lots (excluding landscaping performed by, or on behalf of, a developer or builder, who builds a house on any such lot), home repairs, home maintenance work, minor additions to houses, the construction, maintenance or repair of accessory structures and other related activities which result in minor soil erosion.
- (e) Minor land-disturbing activities such as individual connections for utility services and sewer services for single or two-family residences, minor grading for driveways, yard areas and sidewalks, excluding any grading done by, or on behalf of, a developer or builder in connection with the construction of a house.
- (f) Minor maintenance, minor repair, and the minor extension of any existing underground public utility lines, except sewer lines; provided, that the utility company which owns such lines has received approval of a general BMP Plan from the Authority for such maintenance, repair, and extension; and provided further, that any utility company making a minor extension in connection with which the land disturbed consists of more than 1,000 linear feet must give the Official written notice of such extension prior to the commencement of such minor extension.
- (g) The construction, repair or rebuilding of railroad tracks.
- (h) Minor subsurface exploratory excavations under the direction of soils engineers or engineering geologists.
- (i) The opening of individual burial sites in property which has been approved for such use by all necessary governmental authorities.
- (j) Digging of water wells or environmental monitoring wells.

The activities referred to in items (b) through (i) above may be undertaken without a Permit; however, the persons conducting these excluded activities shall remain responsible for otherwise conducting such activities in accordance with the provisions of this ordinance and any other applicable law, including the proper control of sedimentation and runoff to the MS4. This ordinance shall apply to such land-disturbing activities that drain to the MS4 if a storm water pollution problem is shown to be caused by such activity following monitoring procedures and complaints.

Article 5

BMP APPROVAL REQUIREMENTS

Section 5.01 General Requirements.

No land-disturbing activity shall be conducted within the City until either (i) a Permit shall have been issued by the Official allowing such activity pursuant to the provisions of this ordinance or (ii) an authorization issued by ADEM under the ADEM NPDES permit, any relevant notice of intent and a copy of the BMP Plan has been submitted to the Official. The ADEM NPDES permit, notices of intent and BMP Plans shall be kept on file by the Official and shall be on the job site, or other reasonable location, for inspection by the Official until the project has been completed and notice of termination of the relevant NPDES permit has been sent to ADEM. The ADEM NPDES permits shall be required in addition to any building permits or other local permits required for land-disturbing activities or other activities on the site. The following are BMP approval requirements:

- (a) Persons conducting land-disturbing activities shall take all reasonable measures referred to, or provided for, in this ordinance to protect all public and private property from damage caused by such activities and to reduce storm water pollution to the maximum extent practicable.
- (b) No land-disturbing activities subject to this ordinance shall be undertaken except in accordance with the following requirements:

- (1) The person(s) proposing to conduct any land-disturbing activity or an agent, contractor or other representative of such person must contact the Official at least five (5) business days before commencement of the land-disturbing activity to advise the Official of the commencement of such land-disturbing activity, unless, for good cause shown, the Official permits such person, contractor, agent or other representative to contact him nearer to the date of the commencement of such land-disturbing activity.
- (2) Other than land-clearing activities required to install the appropriate BMP in accordance with BMP Plans, any down slope erosion and sediment control measures, on-site stream channel protection and upslope diversion of drainage required by the BMP Plan shall be in place and functional before any clearing or earth-moving operations begin, and shall be constructed and maintained throughout the construction period. Temporary measures may be removed at the beginning of the workday, but shall be replaced at the end of the workday.
- (3) The angle for graded slopes and fills shall be no greater than the angle, which can be retained by vegetative cover or other adequate erosion control devices or structures. Any slope or fill which has been graded shall, within fourteen (14) days of the completion of such grading or the completion of any phase of grading, be planted or otherwise provided with ground cover, materials, devices or structures sufficient to restrain erosion. The BMPs shall remain in place in accordance with the BMP Plan until the graded slope or fill is stabilized.
- (4) Adequate protective measures shall be provided for the containment of hazardous substances and any other materials which may pollute the MS4, including petroleum products, lubricants and paint.
- (5) All control measures shall be checked, and repaired as necessary, monthly in dry periods and within twenty-four (24) hours after any rainfall at the site of .75 inch within a twenty-four (24)-hour period. During prolonged rainfalls, daily checking and, if necessary, repairing shall be done. The Permittee shall maintain written records of such checks and repairs, which records shall be subject to the inspection of the Official at any reasonable time.
- (6) The BMP Plan shall show the size of disturbed area and a schedule of the projected starting and completion dates of the land-disturbing activity.
- (7) A site plan, accompanied by a written description of BMPs which are shown on the site plan and a schedule of implementation during land-disturbing activities and construction shall be furnished to the Official prior to the commencement of any land-disturbing activities.

- (8) A description of, and procedures for, proper storage, handling and disposal of construction materials stored on-site which could contribute to the pollutant loading to the MS4, shall be furnished to the Official prior to the commencement of any land-disturbing activities.

Section 5.02 Design and Performance Standards.

The following are required for all land-disturbing activities except those related to the construction of individual single-family residences.

All applications for a Permit must contain, or be accompanied by, the materials and information necessary to satisfy the requirements of Sections 5.01 and 5.02 and must be accompanied by a soil erosion and sediment control plan ("Control Plan"). The Control Plan shall be prepared by a Qualified Credentialed Professional and shall include the following:

- (a) The Control Plan shall be accompanied by a map or plot of the property upon which land-disturbing activities are to be conducted, prepared by a registered land surveyor, showing the present contour lines of such property, and the present contour lines of at least the nearest twenty-five (25) feet of the properties immediately adjacent to such property and the existing grades and elevations of all streets which abut such property. Such map or plot shall show all existing drainage facilities and all natural drainage on such property and on such adjacent property.
- (b) All proposed contours, the proposed temporary and permanent disposition of surface water and the proposed drainage structures; provided, however, the Control Plans for utility projects, except sewer projects, shall not be required to show the proposed contours.
- (c) The proposed contours in the map or plot shall be depicted in contour intervals of two (2) or fewer feet; provided, however, the Control Plans for utility projects, except sewer projects, shall not be required to show the proposed contours. All maps, plots and plans submitted shall be on a sheet of paper at least twenty-four (24) inches by thirty-six (36) inches and drawn to a scale of not less than one inch equals 100 feet. Contour intervals of more than two (2) feet and maps, plots or plans which are smaller than the required size may be approved by the Official, upon written request and for good cause shown.

- (d) The Control Plan shall contain a description of the existing site conditions, a description of adjacent topographical features, the information necessary to determine the erosion qualities of the soil on the site, potential problem areas of soil and erosion and sedimentation, soil stabilization specifications, storm water management considerations, a projected time schedule for the commencement and completion of the land-disturbing activity, specifications for BMP Plan maintenance during the project and after the completion of the project, clearing and grading limits, and all other information needed to depict accurately the solutions to potential soil erosion and sedimentation problems to the MS4. The Control Plan shall include the series of BMPs and shall be reviewed by, and subject to the approval of, the Official prior to the issuance of the Permit.
- (e) Where appropriate, in the opinion of the qualified credentialed professional who prepares the Control Plan, to the maximum extent practicable, the Control Plan shall include measures to reduce erosion and other adverse impact to MS4 drainage which would result from an increase in the volume of water and the rate of runoff of water during the conduct of land-disturbing activities.
- (f) Whenever the Official determines that a Control Plan does not comply with this ordinance, he shall notify the applicant in writing of the ways in which the Control Plan does not comply with this ordinance.
- (g) To the maximum extent practicable, sediment in runoff water must be minimized by using appropriate BMPs.
- (h) Structural controls shall be designed and maintained as required to minimize erosion and pollution to the maximum extent practicable. All surface water flowing toward the construction area shall, to the maximum extent practicable, either be passed through the site in a protected channel or diverted by using berms, channels or sediment traps, as necessary. Erosion and sediment control measures shall be designed, according to the size and slope of the disturbed areas or drainage areas, to minimize erosion and to control sediment, to the maximum extent practicable. Discharges from sediment basins and traps must be conducted in a manner consistent with good engineering practices. Sediment-laden, or otherwise polluted, water discharged to MS4 must be addressed in a manner consistent with good engineering practices and the requirements of this ordinance.
- (i) Control measures shall be maintained as an effective barrier to sedimentation and erosion in accordance with the provisions of this ordinance.

- (j) There shall be no distinctly visible floating scum, oil or other matter contained in the storm water discharge. The storm water discharge to an MS4 must not cause an unnatural color (except dyes or other substances discharged to an MS4 for the purpose of environmental studies and which do not have a harmful effect on the bodies of water within the MS4) or odor in the community waters. The storm water discharge to the MS4 must result in no materials in concentrations sufficient to be hazardous or otherwise detrimental to humans, livestock, wildlife, plant life or fish and aquatic life in the community waters.

- (k) When the land-disturbing activity is finished and stable vegetation or other permanent controls have been established on all remaining exposed soil, the owner of the land where the land-disturbing activity was conducted, or his authorized agent, shall notify the Official of these facts, and request a final inspection. The Official shall then inspect the site within five (5) working days after receipt of the notice, and may require additional measures to stabilize the soil and control erosion and sedimentation. If additional measures are required by the Official, written notice of such additional measures shall be delivered to the owner, and the owner shall continue to be covered by the Permit issued with respect to the land-disturbing activity until a final and complete inspection is made and the Official approves the project as having been satisfactorily completed and delivers to the owner, within ten (10) days of the date of such approval, a certification of completion showing that the requirements of the Permit have been fulfilled. At that time the site and/or the project constructed thereon may come under the operation of other ordinances of the City.

- (l) The Control Plan must be accompanied by a letter of credit, a surety bond or a cash bond, with the City having the right to determine which type of security shall be furnished. A letter of credit, a surety bond or a cash bond (a letter of credit, a surety bond and a cash bond shall be herein collectively referred to as "Security") shall be furnished to the City in accordance with the following provisions:
 - (1) The Official shall require a letter of credit, a surety bond or a cash bond in such amount as specified herein to assure that the work, if not completed or if not in accordance with the permitted plans and specifications will be corrected to eliminate hazardous conditions, erosion and/or drainage problems. In lieu of a letter of credit or a surety bond required by the City, the owner may file a cash bond with the City in an amount equal to that which would be required in the letter of credit or the surety bond.

- 2. The Security shall contain, or have attached to it as an exhibit, a legal description of the site. The Security shall remain in effect for such reasonable period of time as may be required by the Official.

- (3) The Security for clearing operations only shall be in the amount of \$1,000 per acre for each acre, or fraction of an acre, disturbed or affected by such operations.
- (4) The Security for earthwork or clearing and earthwork operations shall be in the amount of \$3,000 per acre for each acre, or fraction of an acre, disturbed or affected by such operations.
- (5) Security equal to double the amounts required in subsections (3) and (4) herein, shall be required where clearing or earthwork is performed in areas designated as floodways, floodplains or areas susceptible to landslides.
- (6) Each letter of credit must be issued by a bank which has its principal office in Jefferson County, Alabama.
- (7) Each letter of credit must be issued by a bank which is reasonably satisfactory to the City and each surety bond must be issued by a surety company which is qualified to do business in Alabama and which is otherwise reasonably satisfactory to the City.

Article 6

MONITORING AND INSPECTION

Section 6.01

The Official may periodically monitor the quality of storm water and the concentration of pollutants in storm water discharges from land-disturbing activities permitted to the MS4 pursuant to this ordinance.

Section 6.02 Detection of Illicit Connections, Improper Disposal and/or Discharges.

The Official shall take appropriate steps to detect and eliminate illicit connections and eliminate improper disposal and/or discharge to the MS4, including the required dry-weather and wet-weather programs to screen illicit connections and improper discharges and identify their source or sources from land-disturbing activities.

Section 6.03 Inspections.

1. The Official, bearing proper identification, may enter and inspect all land-disturbing activities for regular periodic inspections, investigations, monitoring, observations, measurements, enforcement, sampling and testing to verify compliance with the provisions of this ordinance and the specific BMP Plans and Control Plans for such land-disturbing activities. The Official shall notify the owner of such property, his Contact Person or his representative on the construction site prior to inspection, and the inspections shall be conducted at reasonable times. The owner or operator of a construction site with respect to which an NPDES permit has been issued shall provide the Official with the information required in Section 3.01(c) prior to the commencement of the work on the construction site. The Official shall inspect the construction site to confirm the implementation and the maintenance of BMP Plans, otherwise, such site shall be inspected when the Official believes, as a result of complaints or monitoring activity, that land-disturbing activities on the site are causing a substantial pollutant loading which threatens the MS4.
2. Upon the refusal by any property owner to allow the Official to enter, or to continue an inspection on, a site on which land-disturbing activities or construction work is being done, the Official shall terminate the inspection or confine the inspection to areas to which no objection is raised. If an agent of the Official was making, or attempting to make, such inspection, the agent shall promptly report to the Official the refusal and the reasons for the refusal, if the reasons are known by the agent. The Official may seek appropriate legal remedies to enable him to make or complete such Inspection, including seeking appropriate legal remedies from any court having jurisdiction over the matter. If the court grants a remedy to the Official, the property owner must reimburse the City all of the costs and expenses incurred by the City in obtaining such remedy, including court costs and reasonable attorneys' fees.
3. If the Official has reasonable cause to believe that discharges from the land-disturbing activities to the MS4 may cause an imminent threat to human health or the environment, an inspection of the site may take place at any time and without notice to the owner of the property or a representative on site. The Official shall present proper credentials upon request of the owner or his representative.

- (d) At any time during the conduct of an inspection, or at such other times as the Official may request information from an owner or his representative, the owner or representative may identify areas of its business, material or processes which contain a trade secret and an inspection of which might reveal such trade secret. If the Official has no clear and convincing reason to question such assertion of the owner or his representative, the inspection report shall note that trade secret information has been omitted. To the extent practicable, the Official shall protect all information which is designated as a trade secret by the owner or his representative.

Article 7

ENFORCEMENT AND ABATEMENT

Section 7.01 Unauthorized Discharges a Public Nuisance.

Any discharge of storm water made in violation of this ordinance or of any condition of a Permit issued pursuant to this ordinance is hereby declared a public nuisance and shall be subject to correction and/or abatement in accordance with applicable law.

The following direct or indirect discharges into the MS4 are allowable under the terms of this ordinance unless determined by the Official to be a source of contamination to the community water: landscape irrigation; uncontaminated water from foundation and footing drains; discharges from springs; lawn watering; and discharges from fire fighting activities.

Section 7.02 Accidental Discharges.

- (a) In the event of any discharge of a hazardous substance or a significant spill of a hazardous substance to the MS4 which could constitute a threat to human health or the environment, the owner or operator of the site shall give notice to the Official and the local Emergency Management Authority in the same manner and within the same time as is required by State regulations for notice to ADEM.

- (b) The owner or operator of such property shall take all reasonable steps to minimize any adverse impact to the community waters caused by discharges to the MS4, including such improved or additional monitoring as may be necessary to determine the nature and impact of the discharge. Absent a compelling public interest to the contrary, it shall not be a defense for the owner or operator in an enforcement action that it would have been necessary to halt or reduce the business or activity of the site, or any project or facility thereon, to maintain water quality and minimize any adverse impact that the discharge may cause.

Section 7.03 NPDES Permits for Storm Water Discharge Associated with Construction Activities.

- (a) Compliance with the conditions, limitations and restrictions set forth in an ADEM NPDES permit shall be deemed compliance with the terms of this ordinance, except as specifically noted in Section 5.01(ii), Article 6 or Article 7.
- (b) No enforcement action shall be taken by the City for a violation of the terms of this ordinance if any of the following has occurred:
 - (1) ADEM has issued a notice of violation with respect to the same alleged violation and is proceeding with an enforcement action with respect to such alleged violation;
 - (2) ADEM has issued an administrative order with respect to the same alleged violation and is proceeding with an enforcement action with respect to such violation; or
 - (3) ADEM has commenced, and is proceeding with, an enforcement action, or has completed any other type of administrative or civil action, with respect to such alleged violation.
- (c) Any determination or resolution made by ADEM with respect to an alleged violation shall be final, and the alleged violation shall not be made the subject of any additional enforcement action by the City; provided, however, that an enforcement action may be pursued by the City for continued or continuing substantial violations, subject to the provisions of Section 7.03(b) and pursuant to the following:

- (1) ADEM will provide the Official with access to the ADEM NPDES permits issued with respect to each property within its jurisdiction, including inspections and notification of any enforcement actions taken by ADEM.
- (2) The Official will notify ADEM and the permit holder, in writing, when the Official demonstrates that an NPDES permit holder is causing a substantial pollutant loading to the MS4.
- (3) The Official will rely on ADEM to regulate, and to take enforcement actions against, Permittees until such time as a Permittee is in continuing substantial violation of its NPDES permit and ADEM has failed to respond in a timely manner in accordance with Code of Alabama 1975, § 11-89C-1 et seq. If there is a continuing substantial violation of an ADEM NPDES permit and ADEM fails to respond as stated above, the Permittee shall be subject to this ordinance for that violation.

Section 7.04 Immediate Threats to Public Health or Welfare.

Notwithstanding any other provision in this ordinance to the contrary, in the event of an immediate threat to the public health or welfare, the Official may take all appropriate measures to remove or alleviate such threat.

Section 7.05 Notification; Enforcement Remedies.

- (a) Notification of Violation: Whenever the Official finds that any person is in violation of any provision of this ordinance, or any order issued hereunder, the Official or his agent may serve upon such person written notice of the violation. Within ten (10) calendar days of the date of such notice, an explanation of the violation and a plan for the satisfactory correction and future prevention thereof, including specific required actions, shall be submitted to the Official. Submission of such plan shall in no way relieve such person in violation of this ordinance of liability for any violations occurring before or after receipt of the notice of violation.

- (b) Compliance Order: When the Official finds that any person has violated, or continues to violate, this ordinance, he may issue a compliance order to the violator, directing that, within a specified time period, adequate structures and devices be installed, or procedures implemented, and properly operated, or other action be taken, to remedy such violation. Compliance orders may also contain such other requirements as may be reasonably necessary and appropriate to address such violation, including the construction of appropriate structures, installation of devices and self monitoring and management practices.
- (c) Cease and Desist Orders: When the Official finds that any person has violated, or continues to violate, this ordinance or any order issued under this ordinance; the Official may issue an order to such person to cease and desist all such violations immediately, and direct such person in violation of this ordinance to:
- (1) comply with this ordinance forthwith; or
 - (2) take such appropriate remedial or preventive action as may be required to address properly a continuing or threatened violation of this ordinance, including halting operations and terminating the discharge.

Section 7.06 Unlawful Acts, Misdemeanor.

It shall be unlawful for any person to:

- (a) violate any provision of this ordinance;
- (b) violate the provisions of any Permit issued pursuant to this ordinance;
- (c) fail or refuse to comply with any lawful notice to abate issued by the Official which has not been appealed to the Storm Water Appeal Board of the Authority ("Board") within the time specified by such notice; or
- (d) violate any lawful order of the Board.

Such person shall be guilty of a misdemeanor; and each day of such violation, failure or refusal to comply with this ordinance shall be deemed a separate offense and punishable accordingly. Any person found to be in violation of any of the provisions of this ordinance shall be punished by a fine of not less than \$100.00 and not more than \$500.00 and/or up to 180 days in jail.

Section 7.07 Judicial Proceedings and Relief.

- (a) The Official may initiate proceedings in any court of competent jurisdiction against any person who has, or who, the Official has reason to believe, is about to:
 - (1) violate any provision of this ordinance;
 - (2) violate any provision of a Permit;
 - (3) fail or refuse to comply with any lawful order issued by the Official which has not been timely appealed to the Board; or
 - (4) violates any lawful order of the Board.
- (b) The Official, with the consent of the City Council, may also initiate civil proceedings in any court of competent jurisdiction seeking monetary damages for any damages caused to public storm water facilities by any person, and may seek injunctive or other equitable relief to enforce compliance with the provisions of this ordinance or to force compliance with any lawful orders of the Official or the Board.

Article 8

**STORM WATER APPEAL BOARD
OF STORM WATER MANAGEMENT AUTHORITY**

Section 8.01 Storm Water Appeal Board of Storm Water Management Authority.

The Authority established a board of five (5) members known as the Storm Water Appeal Board of Storm Water Management Authority ("Board"). The composition of the Board, the duties of the members of the Board, the power of the Board to grant variances, the hearing and review procedures of the Board and other matters with respect to the Board are set forth in a resolution adopted by the Authority on May 25, 1999, which resolution is on file, and open for inspection, in the office of the Authority at the Jefferson County Courthouse.

Appeal to Board of an Order of the Official: Any person aggrieved by an order of the Official may appeal said order or determination to the Board and have such order reviewed by the Board. A written notice of appeal shall be filed with the Official and with the Board, and such notice shall set forth with particularity the order complained of, and the relief sought by, the person filing the appeal. The appeal may be heard at a regular meeting of the Board or the chairman of the Board may call a special meeting of the Board to consider such appeal. The Board may, in its discretion, suspend the operation of the order until the Board has acted upon the appeal, which suspension must be made in writing and delivered to the Official and the person who filed the appeal by personal delivery or by certified or registered mail, return receipt requested.

Section 8.02 Variances.

- (a) The Board may grant variances from the requirements of this ordinance; provided, that to do so would not result in the violation of the NPDES permit ALS000001 or any state or federal law or regulation; and provided, further, that exceptional circumstances, applicable to the site with respect to which the variance is requested, exist so that strict adherence to the provisions of this ordinance would result in unnecessary hardship and the granting of such variance would not result in a condition contrary to the intent of this ordinance.
- (b) A party seeking a variance must submit a written petition for a variance, which sets forth the specific variance sought and the reasons therefore, with supporting data as to why the requested variance should be granted. The petition shall include all information necessary to evaluate the requested variance. The petition for a variance shall be filed with the Official.

(c) The Official shall conduct a review of the petition for a variance within ten (10) working days after his receipt of such petition and may either support, or object to, the petition. The Official shall prepare a written statement of support of, or a written statement of the reason or reasons for his objection to, such petition, and deliver a copy of such statement to the Board and to the person requesting the variance.

(d) Once the Official has issued such statement or such ten (10)-day period for review has expired, the petition shall be subject to Board action at the next regularly scheduled meeting of the Board or at a special meeting of the Board, called at the discretion of the chairman of the Board.

Article 9

MISCELLANEOUS

Section 9.01 Notices.

Whenever the City is required or permitted to:

- (a) give a notice to any party, such notice must be in writing; or
- (b) deliver a document to any party; such notice or document may be delivered by personal delivery, certified mail (return receipt requested), registered mail (return receipt requested) or a generally recognized overnight carrier, to the address of such party which is in the records of the City or is otherwise known to the City.

Section 9.02 References.

Whenever an Article or Section is referred to in this ordinance, unless the context clearly indicates the contrary, such reference shall be to an article or section of this ordinance.

Section 9.03 Severability.

The provisions of this ordinance are severable. If any part of this ordinance is determined by a court of law to be invalid, unenforceable or unconstitutional, such determination shall not affect any other part of this ordinance.

Section 9.04 Captions.

The captions of articles and sections are for the purpose of reference only, and such captions shall not affect the meaning of any provision of this ordinance.

Section 9.05 Effective Date.

This ordinance shall be published as required by law and shall become effective at 12:01 A.M. On June 28, 2013.

Section 9.06 The provisions of this Ordinance are severable. If any part of this Ordinance or the application thereof is determined by a court of law to be invalid, unenforceable or unconstitutional, such determination shall not affect any other part of this Ordinance.

AYES:	<u>6</u>
NAYS:	<u>0</u>
ABSENT FROM VOTING:	<u>0</u>
ABSTAIN:	<u>0</u>

CITY OF LEEDS, ALABAMA



David Miller, Mayor

June 03, 2013

DATE

ATTEST:



Kevin Fouts, Acting City Clerk

I, Kevin Fouts, Acting City Clerk of the City of Leeds, hereby certify that the above Ordinance was duly adopted by the City Council of the City of Leeds at a regular meeting held on the 03 day of June, 2013 and that the same has been published in accordance with law in the St Clair Aegis on the 13 day of June, 2013.



Kevin Fouts, Acting City Clerk

Testimony of Performance

I hereby certify that the following advertisements were placed in

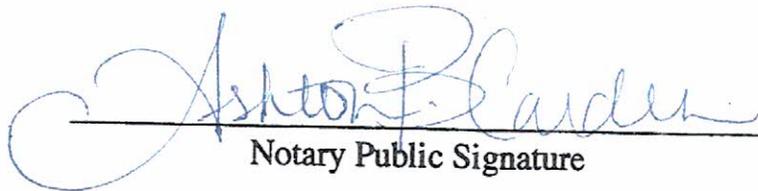
The St. Clair News-Aegis

On 6/13/13
(Date)

Leeds City Ordinance
number: 2013-06-01

Signed: 

Date: 6/24/13

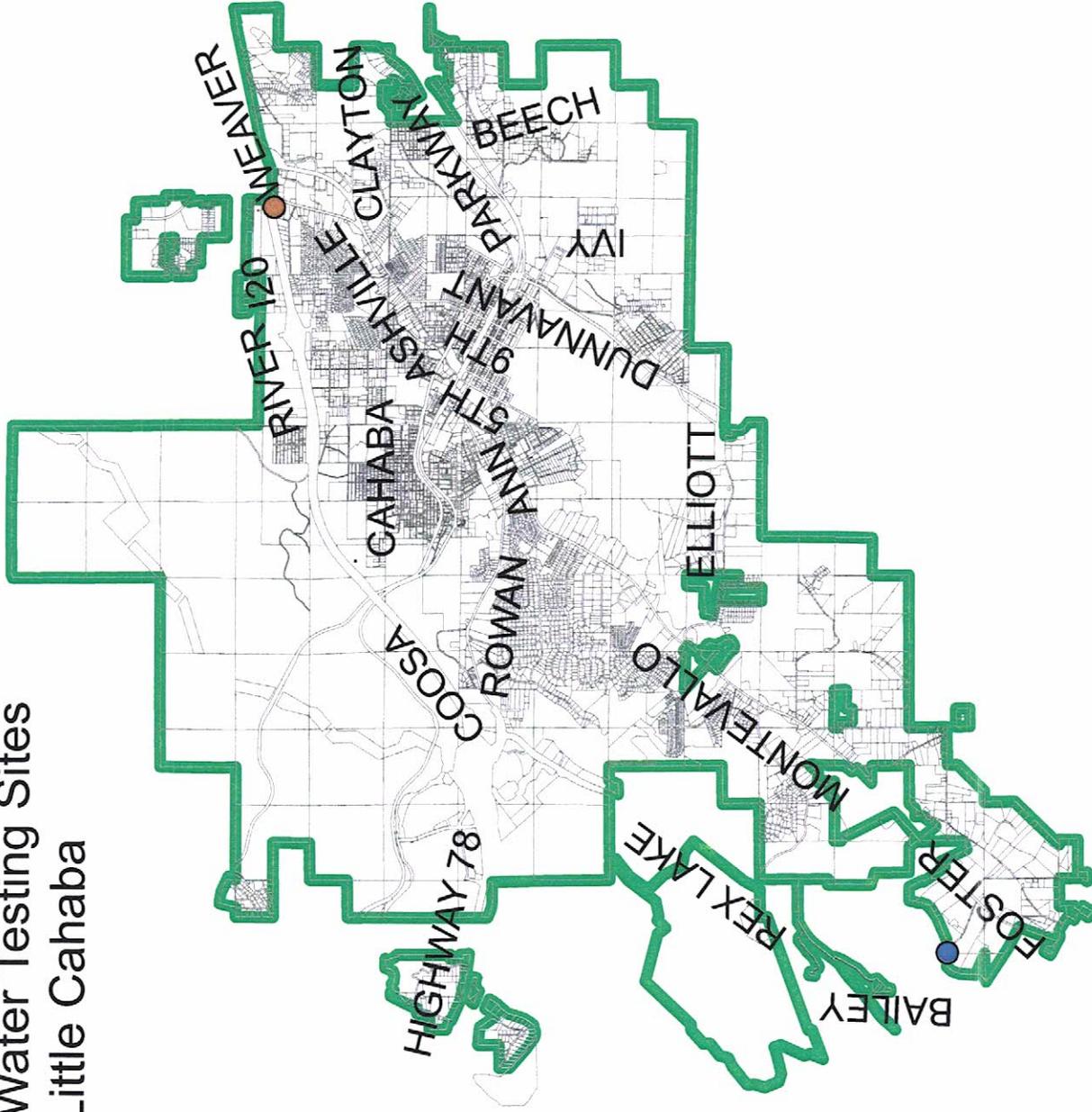

Notary Public Signature

My Commission Expires 2/5/2017
Date Commission Expires

Exhibit 7

2015 Testing Sites

Storm Water Testing Sites Little Cahaba

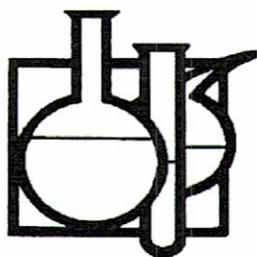


Legend

- SITE ID
- LC01
- LC02

Exhibit 8

2015 Sampling Reports



GUARDIAN SYSTEMS, INC.

1108 Ashville Road
P.O. Box 190
Leeds, Alabama 35094

Telephone (205) 699-6647
Toll Free (866) 729-7211
Fax (205) 699-3882

Page 1 of 4

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 12/21/2015
Receive Date: 12/11/2015
Receive Time: 12:15

Control No : 1512-00182 Sample # 001
Sampler : DL
Sample ID: Little Cahaba River - Upstream Dry Samples

Sample Date: 12/11/2015
Sample Time: 10:52

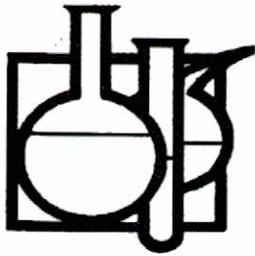
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
Phosphate, Total Phosphorus	0.29	mg/L	TLB	12/16/2015	19:56	365.2	(1)
Biochemical Oxygen Demand	1.	mg/L	LSC	12/16/2015	12:00	SM 5210B	(2)
BOD, Initial Set-up			LSC	12/11/2015	13:00		
BOD, Final Read Back			LSC	12/16/2015	12:00		
pH	7.54	SU	DL	12/11/2015	10:52	150.1	(1)
Solids, Total Suspended	3.	mg/L	MJN	12/15/2015	17:00	SM-2540D	(2)
Solids, Total Dissolved	244.	mg/L	LSC	12/14/2015	14:00	SM-2540C	(2)
Nitrogen, Nitrite	<0.10	mg/L	LSC	12/11/2015	13:00	300.0	(1)
Nitrogen, Nitrate	2.41	mg/L	LSC	12/11/2015	13:00	300.0	(1)
Phosphorous, Dissolved	0.28	mg/L	TLB	12/16/2015	19:56	365.2	(1)
Chromium Hex. Colorimetric	<0.02	mg/l	MJN	12/14/2015	11:30	3500-Cr B	
Fecal Coliform	70.	col/100mL	LSC	12/12/2015	12:00	SM-9222 D	(2)
E-Coli	60.	col/100mL	LSC	12/12/2015	12:00	SM-9222 B	(2)
Mercury, Total	<0.001	mg/L	CFS	12/18/2015	12:30	245.7	
Copper	<0.02	mg/L	DRH	12/15/2015	11:30	200.7	(1)
Nickel	0.002	mg/L	DRH	12/15/2015	10:00	200.8	
Silver, Total	<0.001	mg/L	DRH	12/15/2015	12:30	200.8	
Zinc	0.04	mg/L	DRH	12/15/2015	11:30	200.7	(1)

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
5. Code of Federal Regulations, Title 40, Part 136, Appendix A, Revised July 1995
6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
7. NIOSH Manual of Analytical Methods, 4th Edition, May 1996



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Page 2 of 4

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 12/21/2015
Receive Date: 12/11/2015
Receive Time: 12:15

Control No : 1512-00182 Sample # 001
Sampler : DL
Sample ID: Little Cahaba River - Upstream Dry Samples

Sample Date: 12/11/2015
Sample Time: 10:52

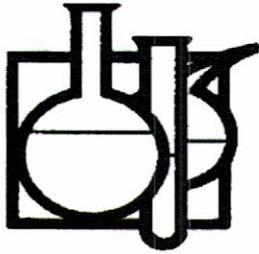
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
Lead - mg/L	<0.001	mg/L	DRH	12/16/2015	10:00	200.8	
Hardness, Total	193.	mg/L	DRH	12/14/2015	10:00	200.7	
Chromium, Trivalent	<0.02	mg/L	DRH	12/15/2015	11:30	200.7	(1)
Calcium	67.7	mg/L	DRH	12/14/2015	10:00	200.7	(1)
Magnesium	5.84	mg/L	DRH	12/14/2015	10:00	200.7	(1)
Oil and Grease, Total	<5.0	mg/L	LSC	12/17/2015	10:00	1664	
Cyanide (Total)	<0.02	mg/L	TLB	12/11/2015	17:27	335.4	(1)
Nitrogen, Kjeldahl	<0.5	mg/L	TLB	12/19/2015	14:32	351.2	(1)
Chemical Oxygen Demand	23.	mg/L	LSC	12/14/2015	14:00	410.4	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	12/16/2015	14:53	350.2	(1)
Arsenic	<0.001	mg/L	DRH	12/17/2015	14:00	200.8	

This Certificate is Continued On Next Page.

METHOD REFERENCES

1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-70-20, revised March 1983, August 1983 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
4. 1987 ASTM Annual Standards
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Page 3 of 4

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 12/21/2015
Receive Date: 12/11/2015
Receive Time: 12:15

Control No : 1512-00182 Sample # 002
Sampler : DL
Sample ID: Little Cahaba River- Downstream Dry Samples

Sample Date: 12/11/2015
Sample Time: 11:47

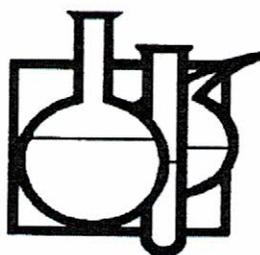
Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
Phosphate, Total Phosphorus	0.09	mg/L	TLB	12/16/2015	19:56	365.2	(1)
Biochemical Oxygen Demand	<1.	mg/L	LSC	12/16/2015	12:00	SM 5210B	(2)
BOD, Initial Set-up			LSC	12/11/2015	13:00		
BOD, Final Read Back			LSC	12/16/2015	12:00		
pH	7.75	SU	DL	12/11/2015	11:47	150.1	(1)
Solids, Total Suspended	2.	mg/L	MJN	12/15/2015	17:00	SM-2540D	(2)
Solids, Total Dissolved	724.	mg/L	LSC	12/14/2015	14:00	SM-2540C	(2)
Nitrogen, Nitrite	<0.10	mg/L	LSC	12/11/2015	13:00	300.0	(1)
Nitrogen, Nitrate	1.76	mg/L	LSC	12/11/2015	13:00	300.0	(1)
Phosphorous, Dissolved	0.09	mg/L	TLB	12/16/2015	19:56	365.2	(1)
Chromium Hex. Colorimetric	<0.02	mg/l	MJN	12/14/2015	11:30	3500-Cr B	
Fecal Coliform	80.	col/100mL	LSC	12/12/2015	12:00	SM-9222 D	(2)
E-Coli	74.	col/100mL	LSC	12/12/2015	12:00	SM-9222 B	(2)
Mercury, Total	<0.001	mg/L	CFS	12/18/2015	12:30	245.7	
Copper	<0.02	mg/L	DRH	12/15/2015	11:30	200.7	(1)
Nickel	0.002	mg/L	DRH	12/15/2015	10:00	200.8	
Silver, Total	<0.001	mg/L	DRH	12/15/2015	12:30	200.8	
Zinc	0.03	mg/L	DRH	12/15/2015	11:30	200.7	(1)

This Certificate is Continued On Next Page.

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1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
3. Test Methods for Evaluating Solid Wastes Physical Chemical Method SW-846, 3rd Edition, Updated IV December 1996
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Page 4 of 4

City of Leeds
City of Leeds
1040 Park Drive
Leeds, AL 35094
Attention: Mr. Brad Watson

Report Date: 12/21/2015
Receive Date: 12/11/2015
Receive Time: 12:15

Control No : 1512-00182 Sample # 002
Sampler : DL
Sample ID: Little Cahaba River- Downstream Dry Samples

Sample Date: 12/11/2015
Sample Time: 11:47

Laboratory Certificate

PARAMETER	RESULTS	UNITS	ANALYST	DATE	TIME	METHOD	REF
Lead - mg/L	<0.001	mg/L	DRH	12/16/2015	10:00	200.8	
Hardness, Total	219.	mg/L	DRH	12/14/2015	10:00	200.7	
Chromium, Trivalent	<0.02	mg/L	DRH	12/15/2015	11:30	200.7	(1)
Calcium	75.3	mg/L	DRH	12/14/2015	10:00	200.7	(1)
Magnesium	7.52	mg/L	DRH	12/14/2015	10:00	200.7	(1)
Oil and Grease, Total	<5.0	mg/L	LSC	12/17/2015	10:00	1664	
Cyanide (Total)	<0.02	mg/L	TLB	12/11/2015	17:27	335.4	(1)
Nitrogen, Kjeldahl	<0.5	mg/L	TLB	12/19/2015	14:32	351.2	(1)
Chemical Oxygen Demand	<10.0	mg/L	LSC	12/14/2015	14:00	410.4	(1)
Nitrogen, Ammonia	<0.1	mg/L	TLB	12/16/2015	14:53	350.2	(1)
Arsenic	<0.001	mg/L	DRH	12/17/2015	14:00	200.8	

Approved By:

tnb

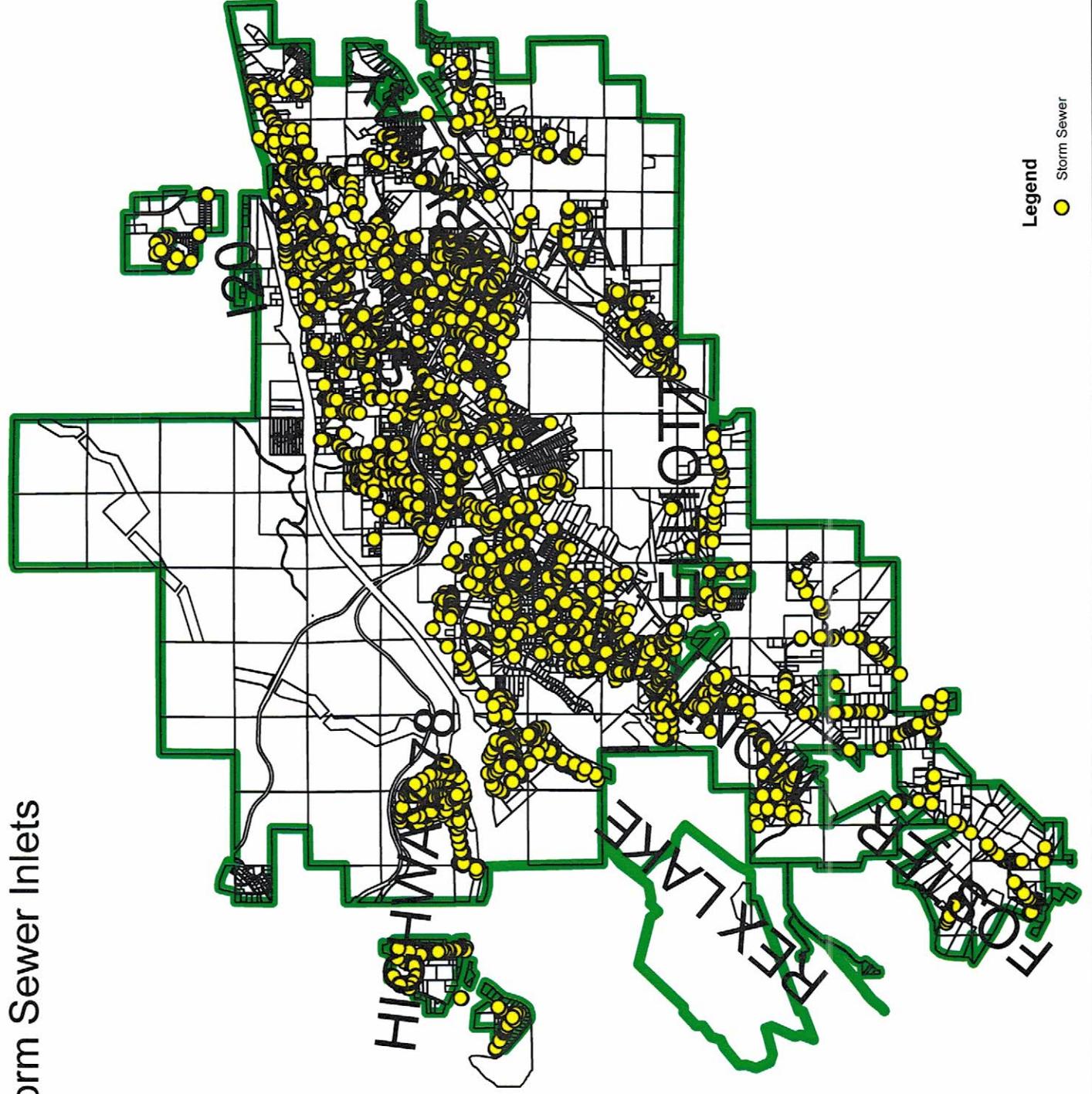
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1. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-20, revised March 1983, August 1993 May 1994
2. Standard Methods for the Examination of Water and Waste Water, 18th, 19th, 20th, and 22nd Edition, 2012
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6. Methods for the Determination of Organic Compounds in Drinking Water, EPA-600/4-88/039, Revised July 1991, August 1995
7. NIOSH Manual of Analytical Methods, 4th Edition, May 1996

Exhibit 9

Storm Sewer Inventory

Storm Sewer Inlets



Legend
● Storm Sewer

Exhibit 10

LAND DISTURBANCE PERMITS

2015

FY 2016-2017

City of Leeds
PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150026	7251 PATTERSON PASS	LAND	01/20/2015	01/20/2015	01/20/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: Completed						
OWNER: EXPRESS OIL CHANGE				TOTAL PAID: 100.00		
TAX MAP PARCEL: 2605150001005002				TOTAL VALUE: 400.00		
DISTRICT CODE:				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES: NEW CONSTRUCTION (EXPRESS OIL)						

20150030	8920 WEAVER AVENUE	LAND	01/21/2015	01/21/2015	01/21/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: Applied						
OWNER: SOUTHLAND MACHINERY				TOTAL PAID: 400.00		
TAX MAP PARCEL: 2601110001022000				TOTAL VALUE: 400.00		
DISTRICT CODE:				TOTAL FEE: 400.00		
CONTRACTOR: 10365 MORRIS BUILDING CONSTRUCTORS, 1333 BUTLER ST. OXFORD, AL 36203				PHONE: (256) 835-1080		
NOTES:						

20150043	1141 PAYTON WAY	LAND	01/26/2015	01/26/2015	01/26/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: Completed						
OWNER: BRASFIELD & GORRIE, LLC				TOTAL PAID: 400.00		
TAX MAP PARCEL: 2400244000001006				TOTAL VALUE: 400.00		
DISTRICT CODE: B2				TOTAL FEE: 400.00		
CONTRACTOR: 1221 BRASFIELD & GORRIE LLC 3021 7TH AVENUE SOUTH BIRMINGHAM, AL 35233				PHONE: (800) 239-8017		
NOTES:						

20150084	9273 JARDIN CIR	LAND	02/19/2015	02/19/2015	02/19/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: CLAIRMONT HOMES, LLC				TOTAL PAID: 400.00		
TAX MAP PARCEL: 260111000103054				TOTAL VALUE: 187,000.00		
DISTRICT CODE: R5				TOTAL FEE: 400.00		
CONTRACTOR: 4062 CLAIRMONT HOMES, LLC 7420 PARKWAY DR., STE 100 LEEDS, AL 35094				PHONE: (205) 613-6409		
NOTES: MILLER, TRIPLET, MILLER - JOEY MILLER BOND #32S437467						

FY 2016-2017

City of Leeds
PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
------------------	----------------	---------------------	---------------------	--------------------	---------------------	-----------------------

20150096	880 VALLEY CIR	LAND	02/25/2015	02/25/2015	02/25/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						

OWNER: EMBASSY HOMES LLC	TOTAL PAID: 100.00
TAX MAP PARCEL: 250030100108200	TOTAL VALUE: 100.00
DISTRICT CODE: R5	TOTAL FEE: 100.00
CONTRACTOR: 7940 EMBASSY HOMES LLC	PHONE: (205) 949-5529
5406 HIGHWAY 280, SUITE C101	
BIRMINGHAM, AL 35242	
NOTES: QCI NO#T3950	

20150098	895 VALLEY CIR	LAND	02/25/2015	02/25/2015	02/25/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						

OWNER: EMBASSY HOMES LLC	TOTAL PAID: 100.00
TAX MAP PARCEL: 2500301001088000	TOTAL VALUE: 100.00
DISTRICT CODE: R5	TOTAL FEE: 100.00
NO CONTRACTOR SPECIFIED	
NOTES: QCI T3950	

20150141	903 VALLEY CIR	LAND	03/16/2015	03/16/2015	03/15/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						

OWNER: CURTIS WHITE	TOTAL PAID: 100.00
TAX MAP PARCEL: 2500301001090000	TOTAL VALUE: 100.00
DISTRICT CODE: R5	TOTAL FEE: 100.00
NO CONTRACTOR SPECIFIED	
NOTES:	

20150223	9281 JARDIN CIR	LAND	04/09/2015	04/09/2015	04/08/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						

OWNER:	TOTAL PAID: 100.00
TAX MAP PARCEL: 2601110001030056	TOTAL VALUE: 0.00
DISTRICT CODE: R2	TOTAL FEE: 100.00
CONTRACTOR: 4062 CLAIRMONT HOMES, LLC	PHONE: (205) 613-6409
7420 PARKWAY DR., STE 100	
LEEDS, AL 35094	
NOTES: LAND DISTURBING FOR NEW CONSTRUCTION	

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150233	6658 WOODMERE XING	LAND	04/13/2015	04/13/2015	04/12/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL:				TOTAL VALUE: 0.00		
DISTRICT CODE: R5				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES:						

20150236	6650 WOODMERE XING	LAND	04/14/2015	04/14/2015	04/13/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL:				TOTAL VALUE: 100.00		
DISTRICT CODE:				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150238	6646 WOODMERE XING	LAND	04/14/2015	04/14/2015	04/13/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL:				TOTAL VALUE: 100.00		
DISTRICT CODE:				TOTAL FEE: 100.00		
CONTRACTOR: 7940 EMBASSY HOMES LLC				PHONE: (205) 949-5529		
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

20150240	6642 WOODMERE XING	LAND	04/14/2015	04/14/2015	04/13/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL:				TOTAL VALUE: 100.00		
DISTRICT CODE: R2				TOTAL FEE: 100.00		
CONTRACTOR: 7940 EMBASSY HOMES LLC				PHONE: (205) 949-5529		
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
------------------	----------------	---------------------	---------------------	--------------------	---------------------	-----------------------

20150242	6632 WOODMERE XING	LAND	04/14/2015	04/14/2015	04/13/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						

OWNER:	TOTAL PAID: 100.00
TAX MAP PARCEL: P/O 2400257000001007	TOTAL VALUE: 0.00
DISTRICT CODE:	TOTAL FEE: 100.00
CONTRACTOR: 7940 EMBASSY HOMES LLC	PHONE: (205) 949-5529
5406 HIGHWAY 280, SUITE C101	
BIRMINGHAM, AL 35242	
NOTES: LAND DISTURBANCE	

20150255	7457 MOUNTAIN VIEW LN	LAND	04/17/2015	04/17/2015	04/16/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						

OWNER: BRUCE BENIK	TOTAL PAID: 100.00
TAX MAP PARCEL:	TOTAL VALUE: 100.00
DISTRICT CODE:	TOTAL FEE: 100.00
NO CONTRACTOR SPECIFIED	
NOTES: LAND DISTURBANCE	

20150263	7263 MOUNTAIN VIEW LN	LAND	04/17/2015	04/17/2015	04/16/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						

OWNER:	TOTAL PAID: 100.00
TAX MAP PARCEL:	TOTAL VALUE: 100.00
DISTRICT CODE:	TOTAL FEE: 100.00
NO CONTRACTOR SPECIFIED	
NOTES: LAND DISTURBANCE	

20150273	536 FOREST DR	LAND	04/17/2015	04/17/2015	04/16/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						

OWNER:	TOTAL PAID: 100.00
TAX MAP PARCEL:	TOTAL VALUE: 100.00
DISTRICT CODE:	TOTAL FEE: 100.00
NO CONTRACTOR SPECIFIED	
NOTES:	

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150291	2490 EASTERN VALLEY RD	LAND	04/23/2015	04/23/2015	04/22/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2400363000002000			TOTAL VALUE: 100.00			
DISTRICT CODE: AG1			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150301	899 VALLEY CIR	LAND	04/28/2015	04/28/2015	04/27/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: CURTIS WHITE COMPANIES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500301001089000			TOTAL VALUE: 165,000.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 1481 CURTIS WHITE COMPANIES INC			PHONE: (205) 699-2283			
8132 PARKWAY DR						
LEEDS, AL 35094						
NOTES: LAND DISTURBANCE PERMIT						

20150360	650 JOHNNY'S CV	LAND	05/12/2015	05/12/2015	05/11/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500302000004000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150362	649 JOHNNY'S CV	LAND	05/12/2015	05/12/2015	05/11/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER: T AND T GREEN CONSTRUCTION			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500302000004000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

FY 2016-2017

City of Leeds
PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150364	876 VALLEY CIR	LAND	05/13/2015	05/13/2015	05/12/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500301001083000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 7940 EMBASSY HOMES LLC			PHONE: (205) 949-5529			
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

20150398	6636 WOODMERE XING	LAND	05/21/2015	05/21/2015	05/20/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL:			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DIST						

20150432	9270 JARDIN CIR	LAND	05/27/2015	05/27/2015	05/26/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2601110001030.060			TOTAL VALUE: 100.00			
DISTRICT CODE:			TOTAL FEE: 100.00			
CONTRACTOR: 4062 CLAIRMONT HOMES, LLC			PHONE: (205) 613-6409			
7420 PARKWAY DR., STE 100						
LEEDS, AL 35094						
NOTES: LAND DISTURBANCE						

20150513	6637 WOODMERE XING	LAND	06/18/2015	06/18/2015	06/17/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL:			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150518	908 VALLEY CIR	LAND	06/18/2015	06/18/2015	06/17/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER: EMBASSY HOMES				TOTAL PAID: 100.00		
TAX MAP PARCEL:				TOTAL VALUE: 100.00		
DISTRICT CODE: R5				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150529	7302 ELLIOTT LN	LAND	06/22/2015	06/22/2015	06/21/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL: 2500293000024000				TOTAL VALUE: 100.00		
DISTRICT CODE: AG1				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150556	1978 CLARKE RD	LAND	06/29/2015	06/29/2015	06/28/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER:				TOTAL PAID: 100.00		
TAX MAP PARCEL: 2605161001021007				TOTAL VALUE: 100.00		
DISTRICT CODE: R2				TOTAL FEE: 100.00		
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE						

20150610	8601 BORDEN AVE	LAND	07/17/2015	07/17/2015	07/16/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: Applied						
OWNER: GUZZLER MANUFACTURING				TOTAL PAID: 400.00		
TAX MAP PARCEL: 2500223002022.700				TOTAL VALUE: 400.00		
DISTRICT CODE:				TOTAL FEE: 400.00		
CONTRACTOR: 15852 DUNN BUILDING COMPANY, LLC				PHONE: (205) 510-0300		
3901 MESSER AIRPORT HIGHWAY						
BIRMINGHAM, AL 35222						
NOTES: LAND DISTURBANCE						

FY 2016-2017

City of Leeds
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01/01/2015 TO 12/31/2015

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20150668	7118 ELLIOTT LN	LAND	08/10/2015	08/10/2015	08/09/2016	
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TYPE OF CONSTRUCTION: LAND DISTURBANCE OCCUPANCY GROUP: SINGLE FAMILY
STATUS: Issued

OWNER: KENNETH GARRISON	TOTAL PAID: 400.00
TAX MAP PARCEL: 2500304000002000	TOTAL VALUE: 400.00
DISTRICT CODE:	TOTAL FEE: 400.00
CONTRACTOR: 2165 C S BEATTY CONSTRUCTION INC	PHONE: (205) 795-0514
2129 RICHARD ARRINGTON JR BLVD S	
BIRMINGHAM, AL	
NOTES: LAND DISTURBANCE	

20150733	8113 3RD AVE	LAND	08/27/2015	08/27/2015	08/26/2016	
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TYPE OF CONSTRUCTION: LAND DISTURBANCE OCCUPANCY GROUP: COMMERCIAL BUILDING
STATUS: Issued

OWNER: CURTIS WHITE CO	TOTAL PAID: 0.00
TAX MAP PARCEL: 2500212019003000	TOTAL VALUE: 100.00
DISTRICT CODE:	TOTAL FEE: 100.00
CONTRACTOR: 1481 CURTIS WHITE COMPANIES INC	PHONE: (205) 699-2283
8132 PARKWAY DR	
LEEDS, AL 35094	
NOTES: LAND DIST. FOR ST. TERESA'S CHURCH	

20150735	500 STONEYBROOK LN	LAND	08/27/2015	08/27/2015	08/26/2016	
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TYPE OF CONSTRUCTION: LAND DISTURBANCE OCCUPANCY GROUP: SINGLE FAMILY
STATUS: Issued

OWNER: DAVID TICE	TOTAL PAID: 100.00
TAX MAP PARCEL: 2500293000004000	TOTAL VALUE: 100.00
DISTRICT CODE:	TOTAL FEE: 100.00
CONTRACTOR: 4714 DAVID TICE CONSTRUCTION INC	PHONE: (205) 699-2553
115 PINE CREST LOOP	
LEEDS, AL 35094	
NOTES: LAND DISTURBANCE	

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150742	654 JOHNNY'S CV	LAND	08/31/2015	08/31/2015	08/30/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER: T AND T GREEN CONSTRUCTION			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500302000209000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 10140 T AND T GREEN CONSTRUCTION INC			PHONE: (205) 631-9515			
P O BOX 803						
GARDENDALE, AL 35071						
NOTES: LAND DISTURBANCE						

20150743	653 JOHNNY'S CV	LAND	08/31/2015	08/31/2015	08/30/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER: T AND T GREEN CONSTRUCTION			TOTAL PAID: 100.00			
TAX MAP PARCEL: P/O 2500302000004000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 10140 T AND T GREEN CONSTRUCTION INC			PHONE: (205) 631-9515			
P O BOX 803						
GARDENDALE, AL 35071						
NOTES: LAND DISTURBANCE						

20150744	7113 ROWAN RD	LAND	08/31/2015	08/31/2015	08/30/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Applied						
OWNER: JOHN ATCHINSON			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500194010007000			TOTAL VALUE: 100.00			
DISTRICT CODE:			TOTAL FEE: 100.00			
CONTRACTOR: 16502 GARRETT POOL & SUPPLY INC			PHONE: (205) 814-9192			
1507 MARTIN ST S						
PELL CITY, AL 35128						
NOTES: LAND DISTURBANCE						

City of Leeds

FY 2016-2017

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01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150769	6805 VALLEY LN	LAND	09/10/2015	10/09/2015	09/09/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: CURTIS WHITE COMPANIES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500301001096000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 1481 CURTIS WHITE COMPANIES INC			PHONE: (205) 699-2283			
8132 PARKWAY DR						
LEEDS, AL 35094						
NOTES: SLAB FOUNDATION						

20150783	8431 DUNNAVANT RD	LAND	09/15/2015	09/15/2015	09/14/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: Pending						
OWNER: GEOFFREY KNIGHT			TOTAL PAID: 400.00			
TAX MAP PARCEL: 2500281002001000			TOTAL VALUE: 400.00			
DISTRICT CODE:			TOTAL FEE: 400.00			
NO CONTRACTOR SPECIFIED						
NOTES: GRADING						

20150857	6804 VALLEY LN	LAND	10/05/2015	10/05/2015	10/04/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 250030100109700			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 7940 EMBASSY HOMES LLC			PHONE: (205) 949-5529			
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

20150860	883 VALLEY CIR	LAND	10/05/2015	10/05/2015	10/04/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500301001085000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 7940 EMBASSY HOMES LLC			PHONE: (205) 949-5529			
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

City of Leeds
 PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150862	879 VALLEY CIR	LAND	10/05/2015	10/05/2015	10/04/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: EMBASSY HOMES			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2500301001084000			TOTAL VALUE: 100.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
CONTRACTOR: 7940 EMBASSY HOMES LLC			PHONE: (205) 949-5529			
5406 HIGHWAY 280, SUITE C101						
BIRMINGHAM, AL 35242						
NOTES: LAND DISTURBANCE						

20150892	2112 LAURENT DR	LAND	10/14/2015	10/14/2015	10/13/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: 2601110001030701			TOTAL VALUE: 0.00			
DISTRICT CODE:			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES:						

20150895	1982 CLARKE RD	LAND	10/15/2015	10/15/2015	10/14/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER: CLAIRMONT HOMES, LLC			TOTAL PAID: 100.00			
TAX MAP PARCEL: 260516001021006			TOTAL VALUE: 0.00			
DISTRICT CODE: R2			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES:						

20150904	968 VALLEY CIR	LAND	10/15/2015	10/15/2015	10/14/2016	
TYPE OF CONSTRUCTION: BUILDING ADDITION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Issued						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: 25003010001060000			TOTAL VALUE: 0.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES:						

City of Leeds

FY 2016-2017

PERMIT REPORT BY PERMIT NUMBER

01/01/2015 TO 12/31/2015

<u>PERMIT NO</u>	<u>ADDRESS</u>	<u>PERMIT CLASS</u>	<u>DATE APPLIED</u>	<u>DATE ISSUED</u>	<u>DATE EXPIRED</u>	<u>DATE COMPLETED</u>
20150906	6659 WOODMERE XING	LAND	10/16/2015	10/16/2015	10/15/2016	
TYPE OF CONSTRUCTION: NEW CONSTRUCTION		OCCUPANCY GROUP: SINGLE FAMILY				
STATUS: Completed						
OWNER:			TOTAL PAID: 100.00			
TAX MAP PARCEL: PT OF 24002510000010			TOTAL VALUE: 0.00			
DISTRICT CODE: R5			TOTAL FEE: 100.00			
NO CONTRACTOR SPECIFIED						
NOTES:						

20150961	8851 COURSON BLVD	LAND	11/03/2015	11/03/2015	11/02/2016	
TYPE OF CONSTRUCTION: LAND DISTURBANCE		OCCUPANCY GROUP: COMMERCIAL BUILDING				
STATUS: VOID						
OWNER: BOYD TUCKER			TOTAL PAID: 400.00			
TAX MAP PARCEL: 2605150001023000			TOTAL VALUE: 400.00			
DISTRICT CODE:			TOTAL FEE: 400.00			
NO CONTRACTOR SPECIFIED						
NOTES: LAND DISTURBANCE ONLY						

TOTAL NUMBER OF PERMITS:	44
TOTAL VALUATION:	357,600.00
TOTAL FEES CHARGED:	6,500.00
TOTAL FEES PAID:	6,400.00

Exhibit 11

City of Leeds

2015

Spring Road Side Litter

CITY OF LEEDS





PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016 Local Coordinator: Toshi Arbitelle

Municipality/Town: Leeds



By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

	Name	House Address	Email Address
1	Print K. A. Sireci Norris Sign Catherine Norris	2015 Deaq Line Rd Leeds, AL. 35094	—
2	Print Jennifer Friend Sign Sandra Bailey	1128 Maplewood Drive Leeds, AL 35094	—
3	Print Sandra Bailey Sign Johnny L. Dutton	1116 Ronan Trace Leeds, AL. 35094	—
4	Print Johnny L. Dutton Sign Ross Friend	6444 Zeigler Road Leeds, AL. 35094	—
5	Print Ross Friend Sign Cory Alexander	1128 Maplewood Dr. Leeds, AL. 35094	—
6	Print Cory Alexander Sign Julie Yonpe H.	814 Gory Alan Trace Meady AL 35004	—
7	Print Julie Yonpe H. Sign Nishi Goodwin	1600 Taylor St. Lot 22 Leeds, AL 35094	—
8	Print Nishi Goodwin Sign Vicky Goodwin	4TH Awn Bham 35203	—



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ALABAMA
PALS
PEOPLE AGAINST A LITTERED STATE
"Working Together for an Unlittered Alabama"

PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016 Local Coordinator: Toushi Arbitelle

Municipality/Town: Leeds

By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

Name	House Address	Email Address
Print: Brandon True Love Sign: <i>Brandon True Love</i>	1914 Loop Rd. Moody Al.	
Print: ERIC TURNER Sign: <i>William O'neal</i>	451 AVAUE ST.	
Print: William O'neal Sign: <i>William O'neal</i>	3305 Moody Al	
Print: Bob Butler Sign: <i>Bob Butler</i>	501 Forest Dr.	
Print: Barbara Posey Sign: <i>Barbara Posey</i>	545 Kate Lane Ashtville AL 35953	
Print: Rev. Ricketts Beardford Sign: <i>Rev. Ricketts Beardford</i>	P.O. Box 1222 Tusculum, AL 35173 (Leeds Worship Center)	
Print: Rev. Ricketts Beardford Sign: <i>Rev. Ricketts Beardford</i>	P.O. Box 1222 Tusculum, AL 35173 (Leeds Worship Center)	
Print: Amanda Towler Sign: <i>Amanda Towler</i>	1955 Chula Vista Mtn. Rd. Pell City AL 35125	

Return this form to PALS Jefferson County Coordinator, Hana Berres Hana.Berres@jccal.org 205-325-8741

PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016 Local Coordinator: Toshi Arbitelle

Municipality/Town: Leeds



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By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

	Name	House Address	Email Address
17	Print Jill Vick	7324 Pelway Dr Leeds, AL 35094	Wick@VickAccounting.com
17	Sign Joe Vick	Leeds Workshop Ctr	
18	Print Christ Thomas	2041 Briarwood Ln Leeds	ctownsend@windstream.net
18	Sign Mendy Parker	1437 wynn creek rd Leeds, AL 35094	
9	Print Mendy, Park		
10	Print Tammie Thomas	2515 Carl Jones Rd	tolts8494@gmail.com
10	Sign Dannia Thomas	7700 W. AL 35004 Leeds Workshop Ctr	
11	Print Alan Thomas	Same as above	
11	Sign Alan Thomas		
2	Print Shirley Shelton	7709 Florida Ave Leeds, AL 35094	
2	Sign Shirley Shelton	Leeds Workshop Ctr	
3	Print Christy LaGrone	177 Trails End Lane Leeds, AL 35904	
3	Sign Christy LaGrone		
8	Print Mindy Johnson		
8	Sign		

PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016

Local Coordinator: Toshi Arbittelle

Municipality/Town: Leeds



By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

Name	House Address	Email Address
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign Jenna Partridge	52 Hunters Lane Vanduser A135126	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign Jada Smith	4049 Cambridge Dr Leeds AL 35004	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign Keirey Smith	" "	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign Mitchell Miller	910 Gary Alan Trace Moody AL 35004	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign Wesley Gostney	8010 Ropes Rd. Tusville AL	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign [Signature]	Leeds Worship Center	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign [Signature]	Leads James 614 800 Daniels Ave AP4	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign [Signature]	Leeds Wddy Leads	
<input checked="" type="checkbox"/> Print <input checked="" type="checkbox"/> Sign [Signature]		

PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016 Local Coordinator: Toshi Arbelle

Municipality/Town: Leeds



By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

	Name	House Address	Email Address
33	Print Robin Wiltingham	6611 Julia Circle	ern0-1@windstream.net
	Sign <i>Rob Wiltingham</i>	Leeds, AL 35094	
34	Print Chad Hayes	7250 President St	Chad.hayes@valleyviewbaptist.com
	Sign <i>Chad Hayes</i>	Leeds AL 35094	
35	Print Clark Hayes	Same as above	Same as above
	Sign <i>Clark Hayes</i>		
36	Print Marty Glass	107 ST. KING'S FOREST DR	martyglass123@yahoo.com
	Sign <i>Marty Glass</i>	Leeds AL 35094	
37	Print Terry New	1827 Riving Elm St	
	Sign <i>Terry New</i>	Leeds AL, 35094	
38	Print Gabe Hill	6626 Julia Cr.	gabehill@gmail.com
	Sign <i>Gabe Hill</i>		
39	Print Matthew Duvall	6810 Birchwood Drive	clawing42@aol.com
	Sign <i>Matthew Duvall</i>	PINSON, AL	
0	Print Angela Duvall	6810 Birchwood dr.	Melamed@KOL.com
	Sign <i>Angela Duvall</i>	Pinson AL	

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PALS Spring Cleanup Registration Form

Date of Cleanup: April 2, 2016 Local Coordinator: Toushi Arbittelle

Municipality/Town: Leeds



By signing your name below, you release Jefferson County Commission and Alabama People Against a Littered State from any and all liability associated with your participation in this roadway cleanup. You also authorize and allow use of your photograph to be published in print, electronic and social media in connection with the above identified project.

	Name	House Address	Email Address
11	Print KATHIE DENKE Sign Kathie Denke	162 HINES FOREST DR LEEDS AL 35294	
12	Print Brad Watson Sign Brad Watson	Leeds Inspection Services 1040 PARK DR Leeds AL 35294	bwatson@leedsalabama.gov
13	Print Chief Chuck Parsons Sign Chief Chuck Parsons	Leeds Fire Dept 1051 PARK DR Leeds AL 35294	Parsons@leedsalabama.gov
14	Print Toushi Arbittelle Sign Toushi Arbittelle	Leeds AL 35294 Leeds Inspection Services 1040 PARK DR Leeds AL 35294	tarbittelle@leedsalabama.gov
5	Print Sign 		
6	Print Sign 		
7	Print Sign 		
8	Print Sign 		

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**The 2016 "Don't Drop It On Alabama"
Statewide Spring Cleanup
April 16-23, 2016**

Reporting Form

Name of Participating

Group City of Leeds

Affiliation _____ County Jefferson & St. Clair

Contact Person Toushi Arb. tette Phone 205-699-0934

Email Address tarbitette@leedsalabama.gov

Address 1040 Park Dr

City Leeds Zip 35094

Date of Cleanup Event 04-02-16

Number of People Involved 44

Hours Spent on Cleanup 4

Tons Collected _____ Pounds _____ Bags 250

Number of Dumpsters 1 Recycled _____

State Highways Cleaned (Hwy #) _____

County Hwy Cleaned (Hwy #) _____

If Landfill Opened for Cleanup/Tons taken in at Landfill _____

Were ALL bags used? No Number of Bags used 250

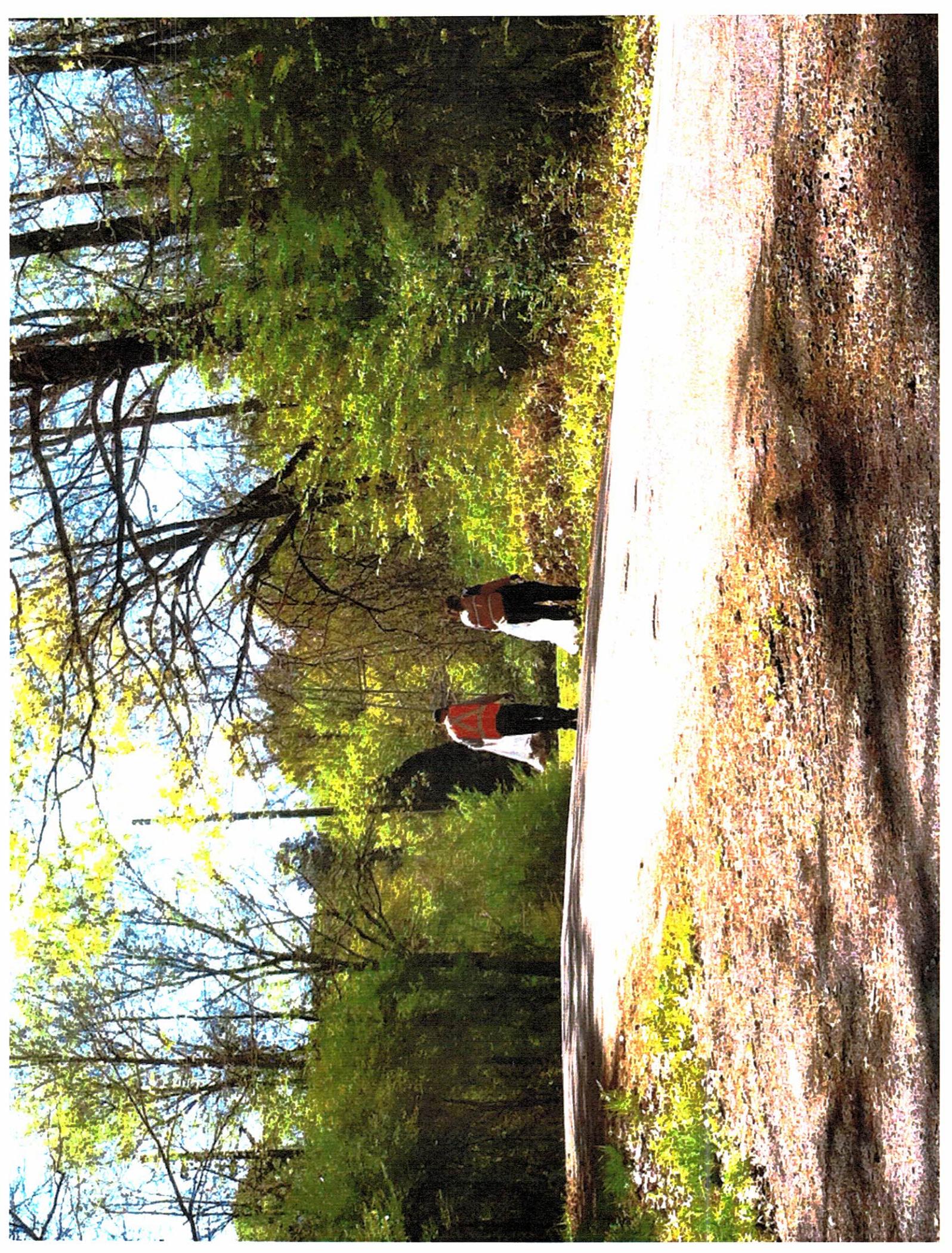
Additional Comments:

This was our largest group since we started!

Please Return All Forms to Alabama PALS, 340 North Hull St.,
Montgomery AL 36104













City of Leeds

Roadside Cleanup Registration Form

April 18, 2015

PLEASE PRINT

Name

Address

Toushi Arbitelle 1040 Park Dr

Brad Watson 1040 Park Dr

✓ Regina Moore 5535 US Hwy 11 Apt 121 Springville, AL 35744 ^(DMA)

✓ Sherry Isbell 363 Hwy 478 Leeds, AL 35094 ^{Gloves}

✓ Jacoby Jackhart 8072 Washington Ave, AL 35094 ^{Gloves and Vest}

Yvonne Low 1040 Park Dr

✓ Kathy Drake 1008 Kings Forest Dr 35294

✓ Dale Winters 1754 Dorrance St 35094

✓ Fern Sharp 8701 Leaf Ave 35094

✓ Amber Johnson 900 Lynch Lake Rd. Orienville AL 35120

✓ Tarnesia Branch 2166 Waller Chapel Cir 35066

✓ Ryan Burgett 9838 plant Rd Alpine, AL 35014

Exhibit 13

Structural BMP's

Post Construction BMP - Structural

<u>LOCATION</u>	<u>STATUS</u>	<u>LONGITUDE</u>	<u>LATITUDE</u>	<u>LAST INSPECTION</u>
CLAIRMONT				Feb-15
LOWE'S				Feb-15
OLIVER CROSSING				
SPRING VALLEY	ACTIVE			
SOUTHERN TRACE	ACTIVE			
WOODRUFF FARMS				
ROWAN SPRINGS				Feb-15
WAL-MART				
HUNTER'S RIDGE				Feb-15
BASS PRO				
GRAND RIVER				
LEEDS HIGH SCHOOL				
LEEDS STATION 2				Feb-15
CITY HALL				Feb-15
KEITH HALL PROPERTY-HWY 78	ACTIVE			