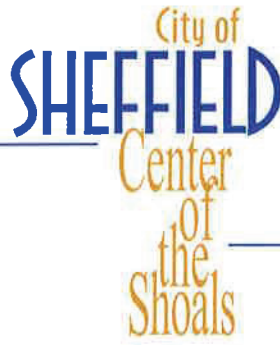


Ian T. Sanford
Mayor



City Council Members
District 1, Ronnie Wicks
District 2, Gary Scales
District 3, Steve Nix
District 4, Mary Stevens
District 5, Steven R. Stanley

August 6, 2014

Alabama Department of Environmental Management
Storm Water Management Branch
c/o Marla Smith
Post Office Box 301463
Montgomery, AL 36130-1463

**RE: SWMP Update
City of Sheffield
Phase II Municipal Separate Storm Sewer System
NPDES Permit No. ALR040020**

Ms. Smith:

Enclosed is the updated Municipal Separate Storm Sewer System (MS4) Storm Water Management Plan (SWMP) for the City of Sheffield submitted pursuant to the requirements of the NPDES Permit Number ALR040020. This SWMP replaces the June 27, 2012 SWMP.

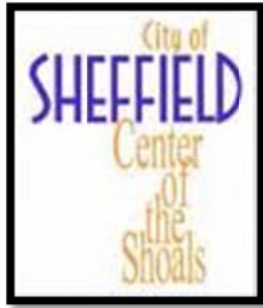
If you should have any further questions or concerns regarding the City of Sheffield's SWMP, please contact Charlie Grimmitt at (256) 386-5606 or by email at cgrimmitt@sheffieldalabama.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ian Sanford", is written over a horizontal line.

Ian Sanford
Mayor
City of Sheffield
(256) 386-0250

Storm Water Management Program Plan



Prepared for:

City of Sheffield
Phase II NPDES MS4 Permit Number ALR040020
Post Office Box 380
Sheffield, Alabama 35660

August 2014

Prepared by:



Engineering. Environmental. Answers.

778 North Dean Road, Suite 200-A
Auburn, Alabama 36830

Post Office Box 2155
Auburn, Alabama 36831
(334) 466-9431

Contents

1. Certification	3
2. General Introduction	4
2.1 Site Description	4
2.2 Water Quality Concerns	4
2.3 Responsible Party	4
2.4 Phase II MS4 Requirements.....	5
2.5 Primary Target Audiences	6
3. Public Education and Outreach on Storm Water Impacts.....	7
4. Public Involvement/Participation	9
5. Illicit Discharge Detection and Elimination (IDDE).....	11
6. Construction Site Storm Water Runoff Control	13
7. Post-Construction Storm Water Management in New Development and Redevelopment.	14
8. Pollution Prevention/Good Housekeeping for Municipal Operations	16
9. Summary	18
Appendix A.....	SWMP Control Measures
Appendix B	Public Education and Outreach on Storm Water Impacts
Appendix C	Public Involvement/Participation
Appendix D.....	Illicit Discharge Detection and Elimination
Appendix E	Construction Site Runoff Control
Appendix F	Pos-Construction Storm Water Management in New and Re-development
Appendix G.....	Pollution Prevention and Good Housekeeping for Municipal Operations

1.0 Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

The Honorable Ian Sanford
Mayor, City of Sheffield

Signature

Date



2.0 General Introduction

On November 16, 1990, the U.S. Environmental Protection Agency (EPA) promulgated regulations, under the Water Quality Act of 1987, setting forth application requirements for National Pollutant Discharge Elimination System (NPDES) storm water permits. The Alabama Department of Environmental Management (ADEM) administers the storm water program for the State of Alabama. In 1999, EPA promulgated regulations establishing Phase II of the NPDES storm water program. The Phase II program extends coverage of the NPDES storm water program to regulated “small” MS4s. A regulated “small” MS4 is located within an “urbanized area” as defined by the Census Bureau or as designated by the NPDES permitting authority.

2.1 Site Description

Sheffield, Alabama, known as the “Center of the Shoals”, is centrally located between the cities of Florence, Muscle Shoals, and Tuscumbia in the northwest region of Alabama. The city is situated on the banks and bluffs of the Tennessee River. According to the most recent census (2010), the population of Sheffield is around 9,039. Sheffield was permitted for a Phase II regulated small municipal separate storm sewer system in 2005, under the NPDES permit number ALR040020 and the permit was renewed in 2011.

2.2 Water Quality Concerns

One of the City’s major concerns is construction site runoff. As the City grows, Sheffield recognizes the importance of protecting the natural environment, and balancing the need for growth and economic development with environmental consideration.

2.3 Responsible Parties

The City’s storm water program is managed by several City Departments and by community organizations, which involve volunteer work. The City does not have the financial resources to dedicate



personnel solely to storm water, water quality. Therefore these responsibilities are shared by all City employees and considered part of the efforts. The following individuals may be contacted to address questions or concerns regarding the City of Sheffield's MS4 program:

The Honorable Ian Sanford
Mayor, City of Sheffield
P. O. Box 380
Sheffield, Alabama 35660
(256) 383-0250
itsinala@sheffieldalabama.org

Charlie Grimmitt
Building Official
P. O. Box 380
Sheffield, Alabama 35660
(256) 386-5606
cgrimmitt@sheffieldalabama.org

Tommy Barnes
Civil Operations Manager
P. O. Box 580
Sheffield, Alabama 35660
(256) 389-2476
tbarnes@sheffieldutilities.org

Robert Holden
Street and Sanitation Superintendent
P. O. Box 380
Sheffield, Alabama 35660
(256) 386-5610

2.4 Phase II MS4 Requirements

U.S. EPA defines the requirements for a SWMP designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable (MEP) to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act in Title 40, Part 122, Sections 30 through 37 of the Code of Federal Regulations (40 CFR Parts 122.30 through 122.37). These regulations are incorporated into the SWMP Plan by reference.



The Phase II storm water regulations require operators of small MS4s in urbanized areas to develop and implement storm water management programs employing best management practices (BMPs) to adequately address the six minimum control measures. These control measures include the following:

- Public Education and Outreach on Storm Water Impacts
- Public Involvement/Participation
- Illicit Discharge Detection and Elimination (IDDE)
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management in New Development and Redevelopment
- Pollution Prevention/Good Housekeeping for Municipal Operations

2.5 Primary Target Audiences

The City of Sheffield has created BMPs to best address the NPDES permit's requirements for all audiences located within the City's MS4. The following are the audiences that the City hopes to reach:

- General Public (homeowners and citizens) Potential contributors of storm water pollution through activities such as illicit discharges and overfertilization of lawns. The primary pollutants potentially contributed by this target audience are nutrients and pathogens.
- Engineers, Developers and Contractors Potential contributors of storm water pollution through development and construction activities as well as engineering design of storm water pollution prevention best management practices. The primary pollutants potentially contributed by this target audience are sediment and nutrients.
- Landscape companies Potential contributors of storm water pollution primarily through lawn maintenance activities. The primary pollutants potentially contributed by this target audience are excess nutrients.



- Local businesses Potential contributors of storm water pollution through activities such as illicit discharges and daily business activities. The primary pollutants contributed by this target audience are excess nutrients and pathogens.

A. Public Education and Outreach on Storm Water Impacts

Rationale:

The City is dedicated to achieving the conditions of this permit by working to ultimately improve water quality by reducing pollutants in receiving waters within the City's MS4 area. The City's goals are to educate the general public, contractors, developers, business owners, and municipal employees on the storm water management program and focus on a unified approach to the identification and correction of problem areas.

The task of overall management and reporting for the City's storm water public education and outreach program is the responsibility of Mr. Charlie Grimmitt, the City of Sheffield's Building Official. Success of the City's public education and outreach program will be assessed by storm water pollution awareness in the community by the quantity of people reached in a permit year.

The City has established the following public education outreach program measureable goals and BMPs:

Fliers

The City currently provides fliers to citizens at the Utility Board and City Hall. The information in these fliers specifically targets homeowners and the general public. Topics covered in these brochures are nonpoint source pollution, fertilizers, the Clean Water Act, and storm water impacts in the area. Pictures of the fliers are located in Appendix B of this SWMP plan.

City Website

The City utilizes the City website to inform the public (homeowners, business owners, employees, professionals, developers, contractors, and elected officials) of upcoming events, City Council meetings, and City ordinances. The City also promotes City Council meetings, and updated ordinances and policies on the City website. The website is maintained and added to as needed. The City will be updating their website to include more information on storm water impacts in order to reach a wider community



audience. Screenshots of the current website information is located within Appendix B of this SWMP plan.

Keep the Shoals Beautiful

The City of Sheffield is a contributing member of Keep the Shoals Beautiful, a branch of the national Keep America Beautiful Organization. Keep the Shoals Beautiful provides signs advertising no litter around the City and also provides clean-up days for citizens to participate. Signs and information about the program is located in Appendix B of this SWMP plan.

Water Festival

The City is working toward teaching its young citizens the value of clean water and a clean environment. The City is looking into funding options for providing a Water Festival for 4th graders to attend. Water Festivals address water filtration and water cycle activities to teach children about the importance of clean water. The City will be in contact with Colbert County to see if partnering with the County would be the best option for their program over the next year and work to establish a water quality and environment focused program by 2015.

Earth Day Fest

The City's schools have an annual Earth Day Fest event that focuses on the environment and pollution. The event is sponsored by the cities in the area, including the City of Sheffield. Earth Day Fest is part of the area's Earth Month, which is a program to enhance the understanding of the importance and interconnectedness of all natural systems. This event is open to all the community and includes many fun events for kids. Example fliers for this event and information from the Shoals Earth Month website are located in Appendix B of this SWMP plan.

Utility Bill Mail Outs

The City is including storm water advertisements in the City's utility bill mail outs at this time. The City plans to include messages on the utility bills quarterly.

*Table A.1: Schedule of Events for Public Education and Outreach Efforts**

Control Measure	BMP	Description	Activity Schedule
Public Education	Fliers	Provide residents information	Continuous throughout year
Public Education	City Website	Provide residents information	Continuous throughout year



Public Education	Keep the Shoals Beautiful	Community Organization providing signage	Meets 1/month. Litter signage continuous.
Public Education	Water Festival	Educational program for 4 th graders	Annual program beginning in 2015
Public Education	Earth Day Fest	Educational program for the community	Annually, as a part of Earth Month
Public Education	Utility Bill Mail Outs	Storm water advertisements	Quarterly in 2014.

*A detailed chart containing all control measures is located within Appendix A of the SWMP.

B. Public Involvement/Participation

Rationale:

The City's goals to involve the public with the development and implementation of its storm water program by providing activities to encourage and foster community participation in water quality improvement by reducing and eliminating pollution to receiving waters in the City's MS4.

The task of overall management and reporting for the City's storm water public involvement and participation program is the responsibility of Mr. Charlie Grimmitt, the City of Sheffield's Building Official. Overall success of the City's public involvement and participation program will be assessed by the results from water quality monitoring as well as storm water pollution awareness in the community by the number of people attending each event.

The City has established the following public involvement and participation program measureable goals and BMPs:

District-Wide Clean Ups

The City currently hold district clean ups once during each quarter of the year. These clean ups are driven by the City Council members. There are five districts within the City and they hold their own clean up day on a rotating basis throughout the year. The dates are announced at City Council meetings and are also advertised on the City's website.



Citywide Clean Up

The City also holds a Citywide Clean Up Day once per year. The City and Keep the Shoals Beautiful provide supplies to citizens. The event is publicized in the local newspaper, the Keep the Shoals Beautiful website, and is also announced at the City Council meetings.

City Recycling

The City has recycling bins set up in strategic areas to aide citizens in recycling. Pictures of these bins are located in Appendix C of this SWMP plan.

Keep the Shoals Beautiful Committee

The City is an active participant in Keep the Shoals Beautiful, a local non-profit affiliate of Keep America Beautiful. Keep the Shoals Beautiful is dedicated to promoting a cleaner, healthier, and safer community for all and also protecting natural resources through education, enforcement, and action. The City currently has two members on the 18 member Keep the Shoals Beautiful board of directors. The committee sponsors billboards in the City about litter prevention and printed literature for distribution promoting a cleaner and healthier environment.

City Council Meetings

The City advertises City Council Meetings to allow the public to come in for public input or comment on decisions that the City is making. The City also information about the City Council meetings on the City website to provide the public with multiple ways to know what is happening within the City and voice their opinions.

Tree Beautification Board

The City has been designated as a “Tree City USA” city. The National Arbor Day Foundation grants this designation. The City has an appointed tree board, an adopted tree care ordinance, an ongoing community forestry program, and an Arbor Day observance and proclamation. The City’s Tree Beautification Board ensures that the City is aware of their natural resources and that they work to preserve them to the extent of their abilities.

*Table B.1: Schedule of Events for Public Involvement and Participation Efforts**

Control Measure	BMP	Description	Activity Schedule
Public Involvement	District Clean Ups	Community Clean Up	Quarterly, rotating through the 5 Districts
Public Involvement	Citywide Clean Up	Community Clean Up	Annual event for the whole City
Public Involvement	City Recycling	Bins located in City	Continuous



Public Involvement	Keep the Shoals Beautiful	Community Committee	Community committee that meets 1/month
Public Involvement	City Council Meetings	Community Input	Bi-Monthly
Public Involvement	Website	City Council Minutes	Continuous
Public Involvement	Tree Beautification Board	Community Committee	Community committee that meets 1/month

*A detailed chart containing all NPDES permit requirement control measures is located within Appendix A of the SWMP.

C. Illicit Discharge Detection and Elimination (IDDE)

Rationale:

The City's goal is to continue to identify and correct illicit discharges within the City's MS4 system, while educating the public on the importance of protecting the environment from illicit discharges. The City's monitoring program will help to manage and enforce its IDDE program.

The task of overall management and reporting for the City's storm water illicit discharge detection and elimination program is the responsibility of Mr. Robert Holden, the City of Sheffield's Street. Success of the City's illicit discharge detection and elimination program will be assessed by the results from water quality monitoring as well as storm water pollution awareness in the community.

The City has established the following illicit discharge detection and elimination measurable goals and BMPs:

Illicit Discharge and Connection Ordinance

The City has an illicit discharge and connection ordinance that prohibits illicit connections to the City's MS4 and allows the City to perform inspections and enforce this ordinance to the maximum extent practicable. The City responds to illicit discharges, conducts inspections, investigates, and enforces violations based on the City's Illicit Discharge and Connection Ordinance. Suspected illicit discharges are investigated and necessary actions are then taken according to the ordinance. The City may issue a notice of violation, in order to regain compliance with the ordinance. If remediation or restoration is



required the City will notify the property owner with a deadline of when the actions must take place. The City has the right to fine the property owner to cover administrative and remediation costs. A copy of the City's Illicit Discharge and Connection Ordinance is located in Appendix D of this SWMP.

Mapping and Dry Weather Screening

The City has updated their storm water outfall map detailing the dry weather screening locations that is within Appendix D. The City will use the dry weather screening forms, also located in Appendix D, to evaluate the City's storm water outfalls. Outfalls are screened regularly, but at least once in a permit year. Due to the 2014 MS4 audit by ADEM, the City has increased inspections at outfalls at the end of Alabama Avenue.

Inspections

City personnel inspect and maintain major channels and storm inlets within the City's MS4 area throughout the year. Sheffield Utilities also monitors and reports Sanitary Sewer Overflows (SSOs) as required.

Storm Drain Marking

The City is currently looking into placing markers on the City's storm drains within the MS4 area. City officials are looking into the cost of medallions and using City employees to mark the locations. A decision on this program will be made within the 2014-2015 calendar year.

*Table C.1: Schedule of Events for Illicit Discharge Detection and Elimination Efforts**

Control Measure	BMP	Description	Activity Schedule
IDDE	Ordinance	Enforcement	Continuously enforced
IDDE	Ordinance	Review/Update	Reviewed annually, updated as needed
IDDE	Inspections	Outfall Dry Weather Screening	Inspections once/year
IDDE	Inspections	Storm Drains	Maintained as needed
IDDE	Storm Drain Marking	Marking City Storm Drains	Program implemented in 2014-2015 permit year, maintained as needed
IDDE	Update Mapping	Update Outfall Mapping	As needed/yearly review

*A detailed chart containing all NPDES permit requirement control measures is located within Appendix A of the SWMP.



D. Construction Site Storm Water Runoff Control

Rationale:

The City's goal is to continue to identify and correct storm water pollution from construction projects within the City with the City's construction site storm water runoff control program. The City's monitoring program will help to manage and enforce its construction site storm water runoff control program.

The task of overall management and reporting for the City's storm water construction storm water runoff control program is the responsibility of Mr. Charlie Grimmitt, the City of Sheffield's Building Official. Overall success of the City's construction storm water control program will be assessed by the results from water quality monitoring, enforcement actions carried out during each permit year, as well as storm water pollution awareness with developers in the community.

The City has established the following construction storm water runoff program measureable goals and BMPs:

Erosion and Sediment Control Ordinance

The City currently has an Erosion and Sediment Control Ordinance that outlines the requirements of construction sites greater than or equal to one acre according to the ADEM Construction Storm Water Permit standards. The City is currently working to update their Erosion and Sediment Control Ordinance to give the City a more proactive role in the process. The City currently has the ability to fine a person violating the ordinance not more than five hundred (500) dollars for each offense to the ordinance. A copy of the City's Erosion and Sediment Control Ordinance is located in Appendix E of this SWMP.

Construction Inspections

The City's Building Department is responsible for construction inspections to ensure all City codes, regulations, and ordinances are upheld. These codes, regulations, and ordinances include: building, electrical, plumbing, mechanical, gas, fire standard, and storm water management practices.



Inspections are done during various times during the construction process. The Building Department also prepares or approves land disturbance permits for construction. The City's inspection process ensures that all construction projects are in compliance with ADEM permit regulations and City codes, regulations and ordinances. All sites are inspected once per week. Mr. Charlie Grimmitt is QCI trained and uses this training when inspecting each site. If a citizen has a construction complaint they are directed to call City Hall for assistance. The City's website has phone contact information for all pertinent employees related to construction.

*Table D.1: Schedule of Events for Construction Site Storm Water Runoff Control**

Control Measure	BMP	Description	Activity Schedule
Construction Runoff Control	Ordinances, Codes, and Regulations	Enforcement	As needed
Construction Runoff Control	Ordinances, Codes, and Regulations	Review/Update	Review annually, updated as needed
Construction Runoff Control	Inspections	Construction Site Inspections	As needed

*A detailed chart containing all NPDES permit requirement control measures is located within Appendix A of the SWMP.

E. Post-Construction Storm Water Management in New Development and Redevelopment

Rationale:

The City's goal is to continue to improve post-construction storm water runoff in order to improve water quality within the City's waterways. The City's monitoring program will help to manage and enforce its post-construction storm water management program.

The task of overall management and reporting for the City's storm water post-construction storm water management program is the responsibility of Mr. Charlie Grimmitt, the City of Sheffield's Building Official. Overall success of the City's post-construction storm water management program will be assessed by the results from water quality monitoring as well as storm water pollution awareness in the community.



The City has established the following post-construction storm water management program measureable goals and BMPs:

Ordinances, Regulations, and Codes

The City has provisions in the Erosion and Sediment Control Ordinance that require final inspections to ensure close of construction and completion of final landscaping. The City is currently working to update their Erosion and Sediment Control Ordinance to give the City a more defined role in the process and to update the post construction control measures required by the City's NPDES MS4 permit. The City currently has the ability to fine a person violating the ordinance not more than five hundred (500) dollars for each offense to the ordinance. A copy of the City's Erosion and Sediment Control Ordinance is located in Appendix E of this SWMP.

The City also has a operations and maintenance ordinance for storm water structural devices, such as detention ponds. This ordinance details the design requirements along with the City's maintenance and inspection requirements. This ordinance gives the City the authority to inspect a detention pond for routine maintenance. A copy of this ordinance is located in Appendix F of this SWMP plan.

Detention Pond Inspections

City personnel inspect the City's detention ponds annually for maintenance. Notes are taken at each site to determine if there is a need for clean out. The street department is contacted along with Colbert County to ensure that the pond is cleaned out.

*Table E.1: Schedule of Events for Post-Construction Storm Water Management**

Control Measure	BMP	Description	Activity Schedule
Post-Construction	Ordinances, Codes, and Regulations	Enforcement	As needed
Post-Construction	Ordinances, Codes, and Regulations	Review/Update	Review annually, updated as needed
Post-Construction	Inspections	Site Inspections	As needed for closeout
Post-Construction	Inspections	Detention Ponds	As needed, annually

*A detailed chart containing all NPDES permit requirement control measures is located within Appendix A of the SWMP.

F. Pollution Prevention/Good Housekeeping for Municipal Operations

Rationale:

The City's goal is to continue to improve the pollution prevention and good housekeeping for municipal operations program in order to educate employees on ways to improve water quality within the City's waterways. The City's monitoring program will help to manage and enforce its pollution prevention and good housekeeping for municipal operations program.

The task of overall management and reporting for the City's storm water pollution prevention and good housekeeping for municipal operations program is the responsibility of Mr. Robert Holden, the City of Sheffield's Street Department and Mr. Tommy Barnes, Sheffield Utilities. Overall success of the City's pollution prevention and good housekeeping for municipal operations program will be assessed by the results from water quality monitoring as well as storm water pollution awareness with City personnel.

The City has established the following pollution prevention and good housekeeping for municipal operations program measureable goals and BMPs:

Recycling

The City plans to acquire and install recycling bins in City Hall. This program should start within the 2015 calendar year, providing that funding is available for the program. The City already has recycling available to the community, see section B for more information.

Street Department

The City's Street Department has been promoting clean up activities at their facility along with also promoting cleaner inlets and outfalls within the City. Inspections and clean up efforts are being documented as they are performed.



Employee Survey

The City will assess what topics will be most pertinent to cover in training by an annual survey for employees to fill out. After submissions a review of the necessary topics throughout the year of survey-recommended topics will be addressed. A copy of the survey is located in Appendix G of this SWMP plan.

Employee Training

The City is working to implement storm water training into its regular safety meetings. By using the previously mentioned survey, the City will assess what topics will be most pertinent to cover, then review the necessary topics throughout the year that the survey recommended be addressed. An example training schedule is listed below. All topics will be covered, but the quarter when the topics are addressed may vary from the chart due to a need within the City.

Table 1: Example Municipal Training Schedule

Quarter	Topic
(1 st) January - March	Educational Activities within the City
(2 nd) April - June	Construction Site Programs within the City
(3 rd) July - September	Illicit Discharge Detection and Elimination
(4 th) October-December	Information on the MS4 Permit Requirements

Schedule of Events for Pollution Prevention and Good Housekeeping for Municipal Operations*

Control Measure	BMP	Description	Activity Schedule
Pollution Prevention	Recycling	Municipal Recycling	Implementation in 2015
Pollution Prevention	Street Department	Maintenance of Drainage Ways	As needed
Pollution Prevention	Employee Training	Storm Water Training	1/quarter
Pollution Prevention	Employee Survey	Training Needs Survey	1/year

*A detailed chart containing all NPDES permit requirement control measures is located within Appendix A of the SWMP.

9. Summary

The intent of this program is to reduce pollutants in storm water discharged from the storm sewer system and prevent the degradation of the receiving streams. The City of Sheffield will continue to work toward reducing pollutant loading in the storm water and to improve the City's water quality.

Appendix A: SWMP Control Measures

Control Measure	BMP	Description	Activity Schedule
Public Education	Fliers	Provide residents information	Continuous throughout year
Public Education	City Website	Provide residents information	Continuous throughout year
Public Education	Keep the Shoals Beautiful	Community Organization providing signage	Meets 1/month. Litter signage continuous.
Public Education	Water Festival	Educational program for 4 th graders	Annual program beginning in 2015
Public Education	Earth Day Fest	Educational program for the community	Annually, as a part of Earth Month
Public Education	Utility Bill Mail Outs	Storm water advertisements	Quarterly in 2014.
Public Involvement	District Clean Ups	Community Clean Up	Quarterly, rotating through the 5 Districts
Public Involvement	Citywide Clean Up	Community Clean Up	Annual event for the whole City
Public Involvement	City Recycling	Bins located in City	Continuous
Public Involvement	Keep the Shoals Beautiful	Community Committee	Community committee that meets 1/month
Public Involvement	City Council Meetings	Community Input	Bi-Monthly
Public Involvement	Website	City Council Minutes	Continuous
Public Involvement	Tree Beautification Board	Community Committee	Community committee that meets 1/month
IDDE	Ordinance	Enforcement	Continuously enforced
IDDE	Ordinance	Review/Update	Reviewed annually, updated as needed
IDDE	Inspections	Outfall Dry Weather Screening	Inspections once/year
IDDE	Inspections	Storm Drains	Maintained as needed
IDDE	Storm Drain Marking	Marking City Storm Drains	Program implemented in 2014-2015 permit year, maintained as needed
IDDE	Update Mapping	Update Outfall Mapping	As needed/yearly review
Construction Runoff Control	Ordinances, Codes, and Regulations	Enforcement	As needed
Construction Runoff Control	Ordinances, Codes, and Regulations	Review/Update	Review annually, updated as needed
Construction Runoff Control	Inspections	Construction Site Inspections	As needed
Post-Construction	Ordinances, Codes, and Regulations	Enforcement	As needed
Post-Construction	Ordinances, Codes, and Regulations	Review/Update	Review annually, updated as needed
Post-Construction	Inspections	Site Inspections	As needed for closeout
Post-Construction	Inspections	Detention Ponds	As needed, annually



Pollution Prevention	Recycling	Municipal Recycling	Implementation in 2015
Pollution Prevention	Street Department	Maintenance of Drainage Ways	As needed
Pollution Prevention	Employee Training	Storm Water Training	1/quarter
Pollution Prevention	Employee Survey	Training Needs Survey	1/year

Appendix B: Public Education and Outreach on Storm Water Impacts

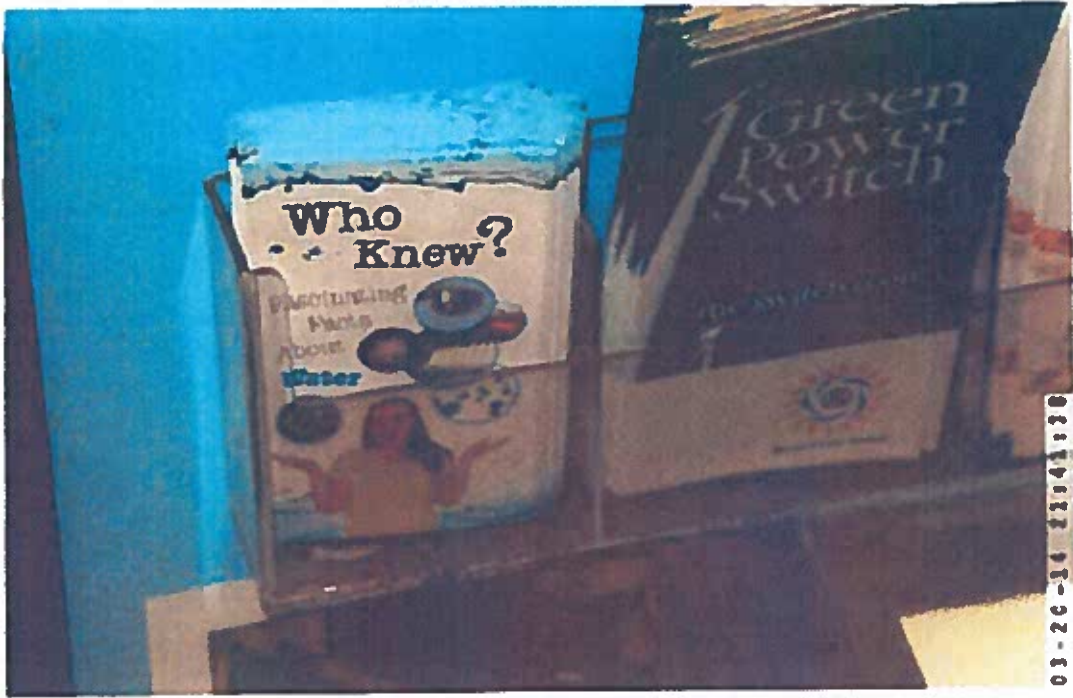
Fliers

City Website Print Outs

Keep the Shoals Beautiful Website

Earth Day/Earth Month Information







Who Knew?

Fascinating Facts About Water

Water is fascinating and essential to our very survival. We need to use water wisely and work together to protect this most precious resource.



• Water is the original health drink. It contains no fat, no calories, and no alcohol.



• Because 60 percent of an adult's body is water, it is essential to replenish the water you lose through breathing, perspiration, and excretion. For most people, this equates to approximately 8 cups (2 liters) a day.

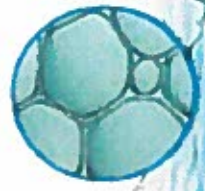
• Through the processes of evaporation, condensation, precipitation, and infiltration—the hydrologic cycle—the total amount of water on Earth remains constant.



Water is a precious resource. We need to use it wisely and work together to protect this most precious resource.

Every time you turn on the tap in your home, you receive one of world's most precious commodities—fresh, clean, drinking water. Essential for all life, water is an amazing substance that can appear as a liquid, a solid, or a gas. Here are some other interesting facts about

Water.



- 

Chad is the best!

[illegible]

- 

-

- 7003 43 04 100111 per 37016000

- הנהגת המערכת החדשה
היא תהליך של שינוי
המבנה והפעולה
המקצועית והארגון
המקצועי והארגון
המקצועי והארגון

-

- The temperature of a liquid water can be expected to increase if pressure is increased; however, the amount of temperature increase depends on the nature of the substance. For example, at a higher pressure, water is why it takes less time for water to boil at higher elevations.



Current Events

Building Department

Cemetery

City Clerk

Education

Fire Department

Housing Authority

Municipal Court

Park & Recreation

Police Department

Public Library

Second Saturdays

Senior Center

Street and Sanitation

Utilities

Second Saturdays Applications and Guidelines are now available.

Guidelines, Applications and Booth Diagrams are now available for Sheffield's Second Saturdays. If you are interested in participating in this event please download the above information and get in your applications as soon as possible. Our first event is scheduled for April 12th!

Handy at Riverfront

The Midnighters put on a fantastic show for Handy Week at Riverfront Park.



Second Saturdays Time Change

Second Saturdays is making a few changes. Times will change from 4:00 - 9:00 PM. There will be entertainment throughout the event. Vendors may set up anytime from 2:00 - 4:00 PM depending on how much time you need. The stage will be set up on the 2nd Street end near Homesides. The event will begin at 2nd Street and will move north on N. Montgomery Ave with the vendors we have. Please take advantage of this free event, bring your chairs and enjoy the entertainment and shop our vendors.

June's Second Saturday Event

June is going to be great! We have Mitch Mann playing from 5-8 on the Stage at 5th Street. The Mayflys will be at York Bluff Antiques at 2. Dustin Richardson will be at Homeside. **Brimstone's** will be having their Grand Opening. Street will be blocked off at 5th instead of 6th from now on. This should allow easy access to **Brimstone's**. Arts, crafts and food vendors will be ready at 2 and will remain until 8. Come out and bring your chairs.

» [Read more](#)

Welcome New Businesses for May!

We would like to welcome the following businesses into Sheffield!

Studio Salon 101 & Tanning Boutique, 500 S Montgomery Ave, Suite 101
The Chapel on Oakwood, 3107 Oakwood Blvd

CASA Summer Carnival



June 3 - 7th
Gates Open Daily at 5 pm

Early Bird
Armband
Certificates
ONLY \$15
256-765-0011

SUMMER CARNIVAL!

• RIDES • FOOD • GAMES •
• FUN FOR THE ENTIRE FAMILY •

HOSTED BY CASA
A 501(c)(3) ORGANIZATION SERVING ABUSED AND NEGLECTED CHILDREN

Like us on Facebook
Check our Facebook page daily for discounts and specials!
Shoals CASA

NEW LOCATION:
4205 Hatch Blvd, Sheffield, AL
Just south of O'Neal Bridge - across from University Kia

For sponsorship opportunities and additional information on CASA
call (256) 765-0011

May Lawn of the Month

May Lawns of the Month:

District 1 - Rick & Sheila Ingram, 301 Pickwick Lake Dr
District 2 - Dawn Harrell, 801 Washington Blvd
District 3 - Jimmy & Christine Box, 807 River Bluff Dr
District 4 - Reverent & Mrs. John Hayes, 301 Sterling Blvd
District 5 - Brenda Garrett, 410 Oak Hill Ave

Congratulations!

Shoals Elks Lodge Fun Day in the Park - May 24

Flyer for the Fun Day in the Park

Sheffield Street Party



May's Second Saturdays Event

Sheffield's Second Saturdays event will be this Saturday from 2-8 pm. Come out and enjoy the event, shop the vendors, listen to the entertainment and grab a bite to eat. The event is growing and we hope you will come out and make it a great success. Doctors, Lawyers and Such will be the feature performer from 5-8 on the stage. Aaron Stapler will also be performing in front of Fox Plumbing. This is a free event, make sure and bring a chair to sit and listen to the entertainment.

1 2 3 4 5 6 7 next » last »



Friday, August 08, 2014

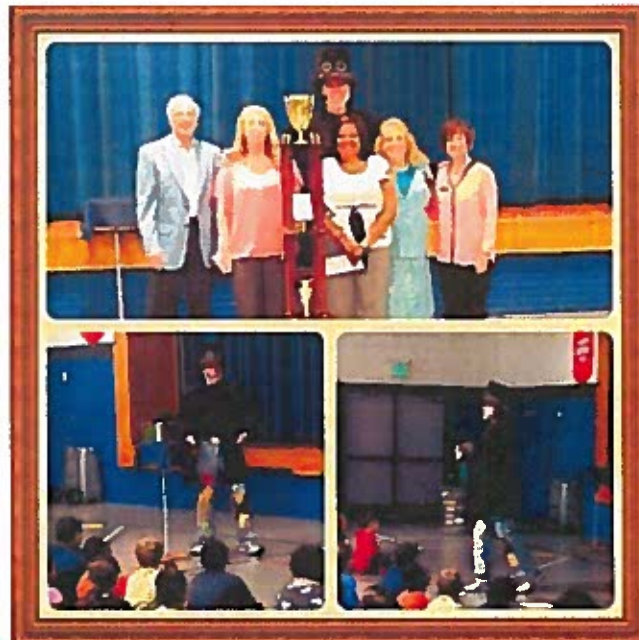
- [Home](#)
- [Who We Are](#)
- [Get Involved! Contact Us](#)

Welcome!

[View Upcoming Events](#)

Welcome to the website of *Keep The Shoals Beautiful* – our information source for litter prevention, waste reduction and beautification. KTSB is a non-profit affiliate of [Keep America Beautiful](#), dedicated to promoting a cleaner, healthier and safer community and to protecting our natural resources through education, enforcement and action. We believe that behaviors, like littering, can be changed. We believe that beautification can impact our economic growth and safety. And, we believe that recycling is a choice we can embrace to keep our landfills empty and hauling fees lower.

Steve Trash and Keep the Shoals Beautiful have challenges all students (k-6 grades) within Lauderdale and Colbert Counties to maintain an environmentally friendly campus with litter prevention and recycling programs.

[Learn More...](#)

2013-2014 Steve Trash Litter Prevention Challenge

First Place Winner

Harlan Elementary School

Second Place Winner

Riverhill School

Third Place Winner

St. Joseph School

Keep The Shoals Beautiful purchased a trailer with a Lowe's grant. We would like to share it and our equipment with you! If you are hosting a Litter Free event, we have banners, portable recycle containers and trash cans available. Or if you are having a clean up, we have litter getters, safety vests, trash bags and gloves you can use. Please come to the Shoals Chamber of Commerce, 20 Hightower Place, Florence, Alabama, and use our equipment!



We also have litter getters for sale for \$5 if you would like to purchase one which are available at the Chamber office.

Keep the Shoals Beautiful (KTSB) has set up a membership/scholarship campaign to encourage student involvement in community service projects that support a cleaner environment. Keep The Shoals Beautiful will award a \$500 cash scholarship to ONE high school student and ONE college student in the Shoals. To be eligible, applicants must be registered in an accredited institution and must be a member of Keep the Shoals Beautiful organization. [Learn More...](#)

Please join us by becoming a member and volunteer.
Or sponsor one of our many programs or special events.
Do something beautiful. Get involved!
Contact the KTSB Coordinator at (256) 764-4661

- - [Where, What and How to Recycle](#)
 - [Just For Kids](#)
 - [Tools for Teachers](#)
 - [Sponsors and Partners](#)
 - [Board of Directors](#)
 - [Events Calendar](#)
 - [Report Littering and Dumping](#)
 - [Links & Resources](#)
 - [Publications](#)
 - [Scholarship Application](#)
 - [Membership](#)



KTSB has the resources to help improve our community. But we need your support. Find out how you can help make The Shoals and our world a more beautiful place.

- Join the mailing list
- Make a donation

If you are litter
you won't like
these films.

KABman.org



[Home](#) | [Get Involved! Contact Us](#) | [Recycling Information](#) | [Events Calendar](#) | [Report Littering and Dumping](#)

Copyright © 2007 | Web site developed and sponsored by 

Friday, August 08, 2014

- [Home](#)
- [Who We Are](#)
- [Get Involved! Contact Us](#)

Report Littering and Dumping

It is really amazing to witness someone littering. While we know that someone must be doing it, it's still shocking to actually see it happen. And, it's also hard to know quite what to do.

Putting a stop to littering and dumping will require help from Shoals citizens. You can make a difference – by setting an example and by reporting littering and dumping when you see it.

If you are near the person, you could simply say, “Excuse me, I think you dropped something.” And direct them to the nearest trash can.

If you are driving, and witness someone throw something or litter coming from an unsecured truck-bed, here's what you can do:

- 1) Get their tag number
- 2) Note the location and time of the incident.
- 3) Call the local police department as soon as possible. Local numbers are listed below.

It's always a good idea to have local police telephone numbers programmed into your cell phone, and you can use that information to report the incident immediately.

Littering is a crime. Fines and other punitive measures vary by local municipality. Litters face fines ranging from \$250-\$500, and/or 30-60 days in jail. Convicted litterers can also be order to clean up a littered area in the community. Litter laws can be enforced on both public and private property.

Florence Police Department
256-760-6500

Muscle Shoals Police Department
256-383-6746

Sheffield Police Department
256-383-1771

Tuscumbia Police Department
256-383-3121

Colbert County – Sheriff's Office
256-383-0741

Lauderdale County – Sheriff's Office
256-760-5757

If you are aware of an illegal dump site, and/or witness someone dumping, especially hazardous materials,

contact one of the following offices immediately, depending on the location:

Colbert County Health Department
1000 South Jackson Highway, Sheffield
256-383-1231
Danny Allison

Lauderdale County Health Department
4112 Chisholm Road, Florence
256-764-7453

Lauderdale County Solid Waste Department
256-760-5878

ADEM (Alabama Department of Environmental Management)
1400 Coliseum Boulevard
Montgomery, AL 36110
334-271-7700

(ADEM also enforces Alabama's Scrap Tire Law)

E.P.A. (U.S. Environmental Protection Agency) Regional Office
REGION 4 – Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina,
Tennessee
61 Forsyth Street, S.W.
Atlanta, GA 30303-3104
404-562-9900

Remember, **you can make a difference!** Please report illegal trash dump sites as early as possible. Once uncaring people see trash “dumped” in one particular area, they tend to start bringing their trash to the same site.

- - [Where, What and How to Recycle](#)
 - [Just For Kids](#)
 - [Tools for Teachers](#)
 - [Sponsors and Partners](#)
 - [Board of Directors](#)
 - [Events Calendar](#)
 - [Report Littering and Dumping](#)
 - [Links & Resources](#)
 - [Publications](#)
 - [Scholarship Application](#)
 - [Membership](#)



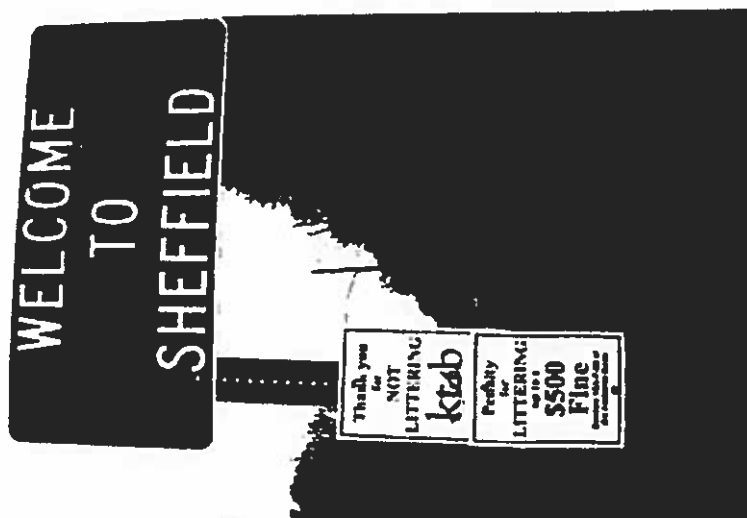
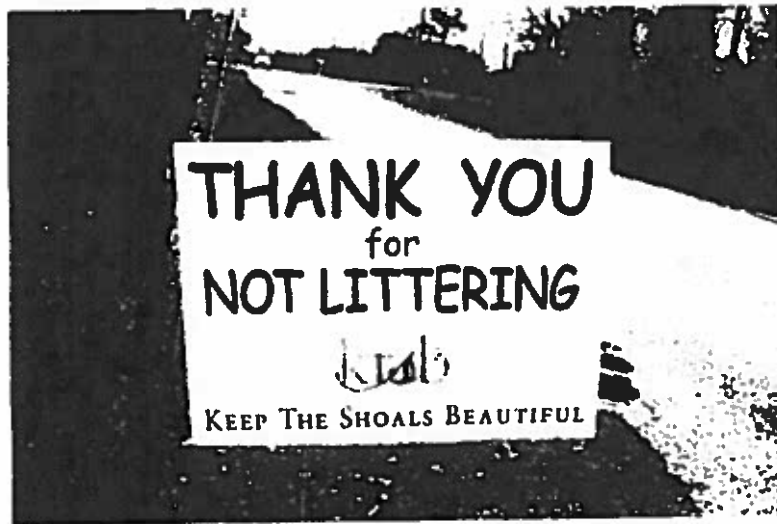
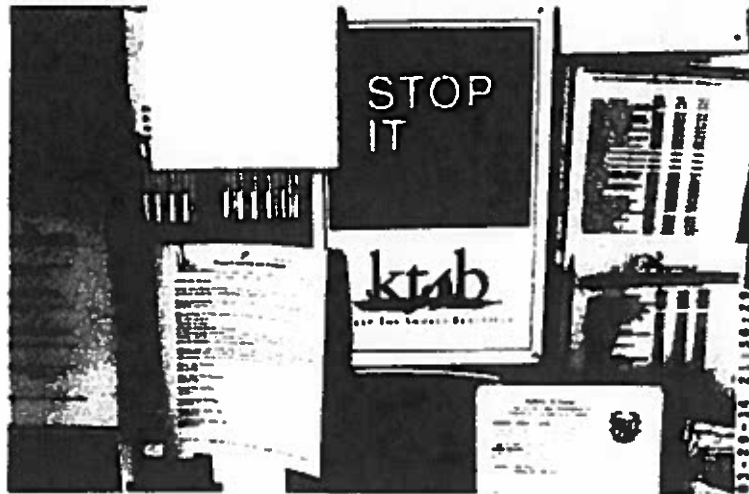
KTSB has the resources to help improve our community. But we need your support. Find out how you can help make The Shoals and our world a more beautiful place.

- Join the mailing list
- Make a donation



[Home](#) | [Get Involved! Contact Us](#) | [Recycling Information](#) | [Events Calendar](#) | [Report Littering and Dumping](#)

Copyright © 2007 | Web site developed and sponsored by 

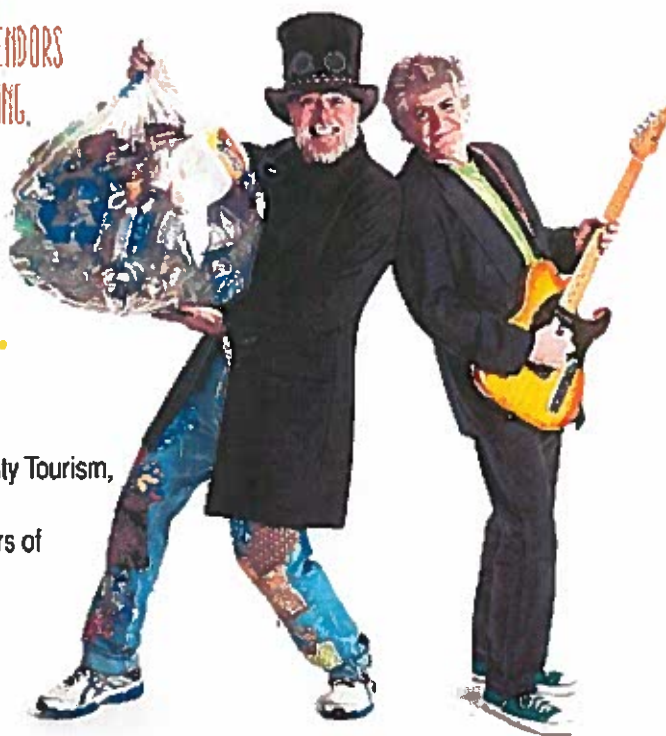




EARTH-FRIENDLY DISPLAYS | ECO ENTERTAINER STEVE TRASH
FOOD | KIDS ACTIVITY TENT | RECYCLING DROP-OFF
LIVE MUSCLE SHOALS MUSIC | ART, CRAFTS AND ARTISAN VENDORS
SPEAKER TENT PRESENTATIONS ON COMPOSTING, BEE KEEPING,
YURT BUILDING, SOLAR ENERGY AND MORE!

BRING THE FAMILY & FRIENDS, BLANKETS,
LAWN CHAIRS AND PICNIC- STAY ALL DAY!

- 10:00 OPENING CEREMONY**
Welcome: Shoals area Mayors and
Colbert County Tourism, Lauderdale County Tourism,
Shoals Yoga demonstration
- 10:30** Shoals Earth Month presentations, Winners of
student contests announced
- 11:00** Steve Trash - "Green Street Magic"
- 11:30** Archie Hubbard - Singer Songwriter
- 12:15** The Wildwood Ruminators
- 1:00** Steve Trash - "Green Street Magic"
- 1:30** The Trash Tunes: featuring Kelvin Holly,
Steve Trash & the Decoys
sponsored by SSWA Recycling
- 2:15** Hammered Dulcimer Duo -
Bev Cheney and Jimi Johnson
- 2:45** The Bear
- 3:30** Max Russell and the Shakedown Kings
- 4:30** Steve Trash - "Green Street Magic"

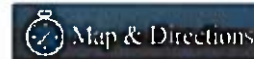


Tandus | Centiva
A Forbitt Company



VISIT SHOALSEARTHMONTH.COM FOR CONTINUING UPDATES
CALL 256-767-2909 FOR MORE INFORMATION

Shoals Earth Day Fest - April 5, 2014
 Sheffield City Town Hall
 600 N. Montgomery Ave., Sheffield, AL
 Rain Location: Sheffield Recreation Center Gym



search...

[HOME](#) [ABOUT US](#) [SPONSORSHIPS](#) [GREEN RESOURCES](#) [EVENT INFORMATION](#) [CONTACT US](#)



"Songwriters in the Round for Earth Day"

Sunday, April 13, 5:30

Odette Neighborhood Eatery, Florence, AL

Tickets on sale now at:

Pegasus Records

612 Tennessee St., Florence, AL

\$40

Featured Links

[Home](#)

[Become a Sponsor](#)

[Volunteer](#)

[2014 Student Contests](#)

[Rummage Sale Application Form](#)

[Vendor & Exhibitor Application Form](#)



About Us

MISSION STATEMENT

The mission of Shoals Earth Month Incorporated is to provide and support educational opportunities for individuals, families, local governments, schools, businesses, and organizations to enhance understanding of the importance and interconnectedness of all natural systems and to celebrate the beauty, bio-diversity, and abundance of life on Earth.

WELCOME

As a response to continued environmental degradation, Senator Gaylord Nelson proclaimed the first Earth Day on April 22, 1970. Communities around the nation and world have since used this occasion to promote environmental awareness and advocacy. For over forty years the Shoals has joined forces with others promoting eco-friendly practices. In April of 2008, "Earth Month in the Shoals" became an official community-wide, month-long celebration with events appealing to all ages and diverse groups.

We are blessed to live in such a biologically diverse area nestled in Northwest Alabama where eagles fly and stretches of natural landscapes wind along the beautiful Tennessee River. People traveling here for the first time are truly amazed by the natural beauty of our area that some here take for granted. The Shoals has an unusually rich natural and cultural heritage which gives cause for celebration and challenges us to be responsible stewards of this beautiful area.

The preservation of our natural assets for this and future generations requires a strong, informed, community commitment. During April, there are many varied educational events and fun, family-oriented activities offered, many of which are free such as birding outings, wildflower hikes, nature walks, story-times, eco-themed symposia, renewable energy displays, recycling opportunities, tours of renewable energy facilities, solar homes and revitalized historic buildings, movie screenings, wild flower planting, local food /organic /vegetarian cooking demonstrations, and more.

The highlight of Earth Month in the Shoals, The Sixth Annual Shoals Earth Day Fest is a free, public event which has drawn thousands from our area and beyond. The Seventh Annual Shoals Earth Day Fest will be held on Saturday, April 5, 2014 from 10 am until 5 pm at the Sheffield City Hall lawn in beautiful, historic downtown Sheffield, Alabama, Rain location is the Sheffield Recreation Center gym. The fest will have numerous eco-friendly displays, live music, children's activities, local city government departments, vendors including artists, artisans and crafts persons and much more! Entertainment for the entire family will be provided by the "Rockin' Eco Hero", Steve Trash as he performs his Street Magic Show. We will soon have a complete schedule for the day's activities.

Local non-profits will be lined up to sell their "junk and treasures" at the "Reduce, Reuse, Recycle Rummage Sale" which is now a popular component of the Shoals Earth Day Fest. This is open to local nonprofits as a fundraiser at no cost.

As we celebrate the 44th anniversary of Earth Day, we invite you to become a member of Shoals Earth Month, Incorporated, or consider becoming a much appreciated sponsor with all donations being tax deductible. The month of April is a perfect time to get out of the house with family and friends and explore all the natural treasures that make the Shoals area one of the best places to live and visit. Please see the information on this site as community-wide events will continue to be added, save the dates, and make your plans to join us and celebrate Earth Month in the Shoals!

Sincerely,

Nancy Muse, President

Jackie Posey, Vice President
Shoals Earth Month, Incorporated

© 2012 Shoals Earth Month, Inc. The Shoals, Alabama

The earth is what we all have in common
Wendell Barry

Appendix C: Public Involvement/Participation

Recycling Bins

Calendar of Events (Example)

Keep the Shoals Beautiful Meeting Schedule

Tree Board Information







The Official site of CITY OF SHEFFIELD, ALABAMA

HOME

DOING BUSINESS

ATTRACTIONS

CALENDAR

CITY DIRECTORY

LINKS

ADMINISTRATION

FORMS

Home

Calendar

Current Events

Building Department

Cemetery

City Clerk

Education

Fire Department

Housing Authority

Municipal Court

Park & Recreation

Police Department

Public Library

Second Saturdays

Senior Center

Street and Sanitation

Utilities

Year Month Week Day

April 2014							Next »
14	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4	5 Earth Day Fest 2014 April 5, 2014 - 10:00am - 5:00pm
15	6	7 City Council Meeting April 7, 2014 - 6:00pm - 7:00pm	8	9	10	11	12 Sheffield Second Saturdays April 12, 2014 - 2:00pm - 8:00pm
16	13	14	15	16	17	18	19
17	20	21	22	23	24	25	26
18	27	28	29	30			

The Official site of CITY OF SHEFFIELD, ALABAMA

[Home](#)
[Careers](#)
[Directory](#)
[Events](#)
[Login](#)

August						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Friday, August 08, 2014

- [Home](#)
- [Who We Are](#)
- [Get Involved! Contact Us](#)

Events Calendar

KTSB meets every 2nd Monday at the [Shoals Chamber of Commerce](#)

10:00 a.m. - Anderson Conference Room

Ongoing Campaigns and Programs

Civic group presentations are available. KTSB is continuing its dedication to educate, inform and get everyone involved by giving presentations to local civic groups. Please contact us if you would like a KTSB representative to speak to your group.

Florence Adopt a Street program

Alabama/PALS Adopt a Mile program

Thank you for all you do to Keep The Shoals Beautiful.

- - [Where, What and How to Recycle](#)
 - [Just For Kids](#)
 - [Tools for Teachers](#)
 - [Sponsors and Partners](#)
 - [Board of Directors](#)
 - [Events Calendar](#)
 - [Report Littering and Dumping](#)
 - [Links & Resources](#)
 - [Publications](#)
 - [Scholarship Application](#)
 - [Membership](#)



KTSB has the resources to help
improve our community.
But we need your support. Find
out how you can help make The
Shoals and our world a more
beautiful place.

- Join the mailing list

- [Make a donation](#)



[Home](#) | [Get Involved! Contact Us](#) | [Recycling Information](#) | [Events Calendar](#) | [Report Littering and Dumping](#)

Copyright © 2007 | Web site developed and sponsored by 

[HOME](#)[DOING BUSINESS](#)[ATTRACTIONS](#)[CALENDAR](#)[CITY DIRECTORY](#)[LINKS](#)[ADMINISTRATION](#)[FORMS](#)[Home](#)**Current Events****Sheffield Beautification and Tree Board****Building Department**

The Sheffield Beautification and Tree Board meets at 600 N Montgomery Avenue, Sheffield, Alabama. The Board meets at 5:00 PM on the 2nd Thursday of each month. The Board chooses a Lawn of the Month for each district.

Cemetery**City Clerk****Members:****Education**

Joe McPhail, Chair

Jan Kennedy

Fire Department

Cindy Evans

Norma Trapp

Housing Authority

Willa Gunn

Municipal Court

Angi Nutt

Todd Alexander

Park & Recreation

Kerry Keenum

James Randolph

Police Department**Forms:****Public Library****Board Application****Second Saturdays****May Lawn of the Month:**

District 1: Rick & Sheila Ingram, 301 Pickwick Lake Dr

District 2: Dawn Harrell, 801 Washington Blvd

District 3: Jimmy & Christine Box, 807 River Bluff Dr

District 4: Reverent & Mrs. John Hayes, 301 Sterling Blvd

District 5: Brenda Garrett, 410 Oak Hill Ave

Senior Center**Street and Sanitation****Utilities****June Lawn of the Month:**

District 1: Gary Highfield, 1707 Crestline Ave

District 2: Ms. Patricia Smith, 1610 Ridge Dr

District 3: David & Pam Hendon, 903 N Montgomery Ave

District 4: Mrs. Carol Evans, 1314 W Montgomery Ave

District 5: Dewey & Pat King, 101 Park Terrace Ct

July Lawn of the Month:

District 1: Ms. Karen Nichols, 1905 Crestline Ave

District 2: Ms. Mattie Phillips, 1403 Pinehurst Blvd

District 3: Ms. Jan Camp, 407 N Atlanta Ave

District 4: Mr. & Mrs. Willie Frank Eggleston, 1900 11th Ave

District 5: David & Belinda Pendley, 118 Norris Cr

August Lawn of the Month:

District 1: Ray & Betty O'Conner, 1901 Crestline Ave

District 2: Ms. Eileen Kyle, 1629 Ridge Dr

District 3: David & Dana McBride, 902 N Nashville Ave

District 4: Ms. Marie Holland, 311 Sterling Blvd

District 5: Mr. & Mrs. Bennie Hale, 500 Wilson Dam Ave

September Lawn of the Month:

District 1:

District 2:

District 3:

District 4:

District 5:

October Lawn of the Month:

District 1:

District 2:

District 3:

District 4:

District 5:

The Official site of CITY OF SHEFFIELD, ALABAMA

[Home](#)
[Careers](#)
[Directory](#)
[Events](#)
[Login](#)

August						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Appendix D: Illicit Discharge Detection and Elimination

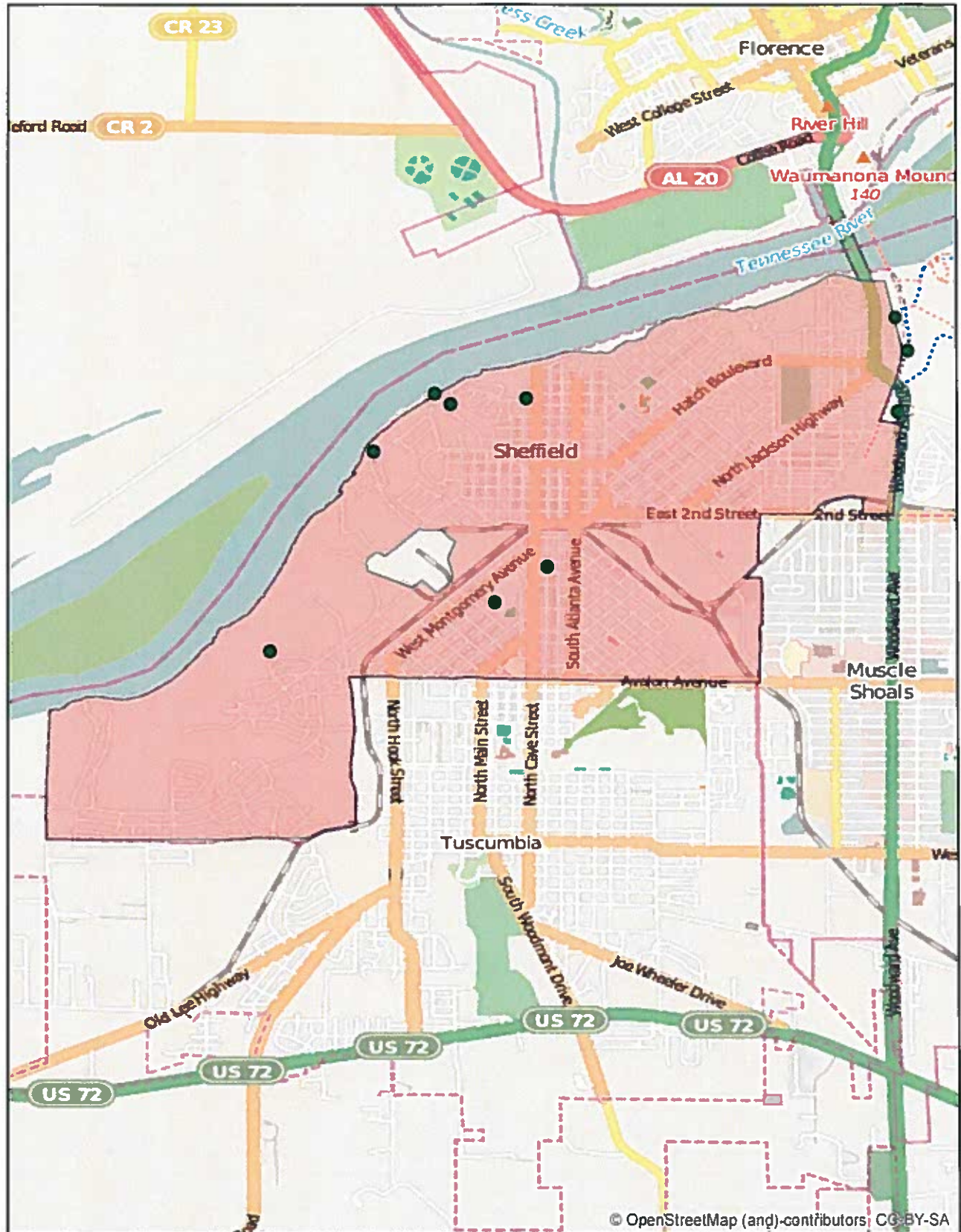
Outfall Map

Inspection Form

Illicit Discharge and Connection Ordinance



City of Sheffield Outfall Map



Legend

- Outfalls
- Urbanized Area

0 0.2750.55 1.1 1.65 2.2 Miles



Engineering. Environmental. Answers.

Dry Weather Screening Checklist

Dry weather screening must be performed during dry weather periods. A dry weather period is defined as more than 72 hours have passed since the last significant rain event which is greater than 0.10 inches of precipitation.

Instructions:

- Take a photo of the outfall and attach it to the written report.
- Observe if there is liquid flow coming from the outfall.
- If the flow has an odor mark yes and describe the odor.
- If the flow has a color mark yes and describe the color.
- If the flow has floatable materials in it mark yes and describe.
- Describe the condition of the outfall structure (i.e. good, in need of repair, etc.)
- If the flow has oil sheen, mark appropriately.
- If the flow has surface scum, mark appropriately.

Outfall ID: _____ Location (Lat/Long): _____

Last Rain > 72 hours: Yes___ No___ Photo: Yes___ No___

Odor: None___ Yes___ Description _____

Color: None___ Yes___ Description _____

Floatables: None___ Yes___ Sewage___ Trash___ Vegetation___ Other _____

Outfall Structural Condition: _____

Oil Sheen: Yes___ No___ Surface Scum: Yes___ No___

Sample Taken: Yes___ No___ If sample taken, results attached: Yes___ No___

Notes: _____

Sheffield, Alabama, Code of Ordinances >> PART I - CODE OF ORDINANCES >> Chapter 26 - ENVIRONMENT >> ARTICLE III. - STORMWATER >> DIVISION 2. ILLICIT DISCHARGE AND CONNECTION >>

DIVISION 2. ILLICIT DISCHARGE AND CONNECTION ^[6]

Sec. 26-71. Purpose/intent.

Sec. 26-72. Definitions.

Sec. 26-73. Applicability.

Sec. 26-74. Responsibility for administration.

Sec. 26-75. Severability.

Sec. 26-76. Ultimate responsibility.

Sec. 26-77. Discharge prohibitions.

Sec. 26-78. Suspension of MS4 access.

Sec. 26-79. Industrial or construction activity discharges.

Sec. 26-80. Monitoring of discharges.

Sec. 26-81. Requirement to prevent, control, and reduce stormwater pollutants by the use of best management practices.

Sec. 26-82. Notification of spills.

Sec. 26-83. Enforcement.

Sec. 26-84. Appeal of notice of violation.

Sec. 26-85. Enforcement measures after appeal.

Sec. 26-86. Cost of abatement of the violation.

Sec. 26-87. Injunctive relief.

Sec. 26-88. Compensatory action.

Sec. 26-89. Violations deemed a public nuisance.

Sec. 26-90. Criminal prosecution.

Sec. 26-91. Remedies not exclusive.

Sec. 26-71. Purpose/intent.

The purpose of this division is to provide for the health, safety, and general welfare of the citizens of Sheffield, Alabama, through the regulation of nonstormwater discharges to the storm drainage system to the maximum extent practicable as required by federal and state law. This division establishes methods for controlling the introduction of pollutants into the municipal separate storm sewer system (MS4) in order to comply with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process. The objectives of this division are:

- (1) To regulate the contribution of pollutants to the municipal separate storm sewer system (MS4) by stormwater discharges by any user.
- (2) To prohibit illicit connections and discharges to the municipal separate storm sewer system.
- (3) To establish legal authority to carry out all inspection, surveillance, and monitoring procedures necessary to ensure compliance with this division.

(Ord. No. 2009-0817C, § 1 8-17-2009)

Sec. 26-72. Definitions.

For the purpose of this division, the following shall mean:

Authorized enforcement agency. Employees or designees of the director of the municipal agency designated to enforce this division.

Best management practices (BMPs). Schedules of activities, prohibitions of practices, general good housekeeping practices, pollution prevention and educational practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants directly or indirectly to stormwater, receiving waters, or stormwater conveyance systems. BMPs also include treatment practices, operating procedures, and practices to control site runoff, spillage or leaks, sludge or water disposal, or drainage from raw materials storage.

Clean Water Act. The Federal Water Pollution Control Act (33 U.S.C. § 1251 et seq.), and any subsequent amendments thereto.

Construction activity. Activities subject to NPDES construction permits. Currently these include construction projects resulting in land disturbance of five acres or more. Beginning in March 2003, NPDES Storm Water Phase II permits will be required for construction projects resulting in land disturbance of one acre or more. Such activities include, but are not limited to, clearing and grubbing, grading, excavating, and demolition.

Hazardous materials. Any material, including any substance, waste, or combination thereof, which, because of its quantity, concentration, or physical, chemical, or infectious characteristics, may cause, or significantly contribute to, a substantial present or potential hazard to human health, safety, property, or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

Illicit connections. An illicit connection is defined as either of the following: (a) any drain or conveyance, whether on the surface or subsurface, which allows an illegal discharge to enter the storm drain system including, but not limited to, any conveyances which allow any nonstormwater discharge including sewage, process wastewater, and wash water to enter the storm drain system and any connections to the storm drain system from indoor drains and sinks, regardless of whether said drain or connection had been previously allowed, permitted, or approved by an authorized enforcement agency; or (b) any drain or conveyance connected from a commercial or industrial land use to the storm drain system which has not been documented in plans, maps, or equivalent records and approved by an authorized enforcement agency.

Illegal discharge. Any direct or indirect nonstormwater discharge to the storm drain system, except as exempted in section 26-80 of this division.

Industrial activity. Activities subject to NPDES industrial permits as defined in 40 CFR, section 122.26 (b)(14).

National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit. A permit issued by EPA (or by a state under authority delegated pursuant to 33 USC § 1342(b)) that authorizes the discharge of pollutants to waters of the United States, whether the permit is applicable on an individual group, or general area wide basis.

Nonstormwater discharge. Any discharge to the storm drain system that is not composed entirely of stormwater.

Person. Any individual, association, organization, partnership, firm, corporation or other entity recognized by law and acting as either the owner or as the owner's agent.

Pollutant. Anything which causes or contributes to pollution. Pollutants may include, but are not limited to, paints, varnishes, and solvents; oil and other automotive fluids; nonhazardous liquid and solid wastes and yard wastes; refuse, rubbish, garbage, litter, or other discarded or abandoned objects, ordinances, and accumulations, so that same may cause or contribute to pollution; floatables; pesticides, herbicides, and fertilizers; hazardous substances and wastes; sewage, fecal coliform and pathogens; dissolved and particulate metals; animal wastes; wastes and residues that result from constructing a building or structure; and noxious or offensive matter of any kind.

Premises. Any building, lot, parcel of land, or portion of land whether improved or unimproved including adjacent sidewalks and parking strips.

Storm drainage system. Publicly-owned facilities by which storm water is collected and/or conveyed including, but not limited to, any roads with drainage systems, municipal streets, gutters, curbs, inlets, piped storm drains, pumping facilities, retention and detention basins, natural and human-made or altered drainage channels, reservoirs, and other drainage structures.

Stormwater. Any surface flow, runoff, and drainage consisting entirely of water from any form of natural precipitation, and resulting from such precipitation.

Stormwater pollution prevention plan. A document which describes the best management practices and activities to be implemented by a person or business to identify sources of pollution or contamination at a site and the actions to eliminate or reduce pollutant discharges to stormwater, stormwater conveyance systems, and/or receiving waters to the maximum extent practicable.

Wastewater. Any water or other liquid, other than uncontaminated stormwater, discharged from a facility.

(Ord. No. 2009-0817C, § II, 8-17-2009)

Sec. 26-73. Applicability.

This division shall apply to all water entering the storm drain system generated on any developed and undeveloped lands unless explicitly exempted by an authorized enforcement agency.

(Ord. No. 2009-0817C, § III, 8-17-2009)

Sec. 26-74. Responsibility for administration.

The City of Sheffield shall administer, implement, and enforce the provisions of this division. Any powers granted or duties imposed upon the authorized enforcement agency may be delegated in writing by the director of the authorized enforcement agency to persons or entities acting in the beneficial interest of or in the employ of the agency.

(Ord. No. 2009-0817C, § IV, 8-17-2009)

Sec. 26-75. Severability.

The provisions of this division are hereby declared to be severable. If any provision, clause, sentence, or paragraph of this division or the application thereof to any person, establishment, or circumstances shall be held invalid, such invalidity shall not affect the other provisions or application of this division.

(Ord. No. 2009-0817C, § V, 8-17-2009)

Sec. 26-76. Ultimate responsibility.

The standards set forth herein and promulgated pursuant to this division are minimum standards; therefore, this division does not intend nor imply that compliance by any person will ensure that there will be no contamination, pollution, nor unauthorized discharge of pollutants.

(Ord. No. 2009-0817C, § V, 8-17-2009)

Sec. 26-77. Discharge prohibitions.

- (a) *Prohibition of illegal discharges.* No person shall discharge or cause to be discharged into the municipal storm drain system or watercourses any materials including, but not limited to, pollutants or waters containing any pollutants that cause or contribute to a violation of applicable water quality standards, other than stormwater.

The commencement, conduct, or continuance of any illegal discharge to the storm drain system is prohibited except as described as follows:

- (1) The following discharges are exempt from discharge prohibitions established by this division: Water line flushing or other potable water sources, landscape irrigation or lawn watering, diverted stream flows, rising groundwater, groundwater infiltration to storm drains, uncontaminated pumped groundwater, foundation or footing drains (not including active groundwater dewatering systems), crawl space pumps, air conditioning condensation, springs, noncommercial washing of vehicles, natural riparian habitat or wetland flows, swimming pools (if dechlorinated—typically less than one PPM chlorine), fire fighting activities, and any other water source not containing pollutants.
- (2) Discharges specified in writing by the authorized enforcement agency as being necessary to protect public health and safety.
- (3) Dye testing is an allowable discharge, but requires a verbal notification to the authorized enforcement agency prior to the time of the test.
- (4) The prohibition shall not apply to any nonstormwater discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Federal Environmental Protection Agency, provided that the discharger is in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations, and provided that written approval has been granted for any discharge to the storm drain system.

- (b) *Prohibition of illicit connections.*

- (1) The construction, use, maintenance, or continued existence of illicit connections to the storm drain system is prohibited.
- (2) This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
- (3) A person is considered to be in violation of this division if the person connects a line conveying sewage to the MS4, or allows such a connection to continue.

(Ord. No. 2009-0817C, § VII, 8-17-2009)

Sec. 26-78. Suspension of MS4 access.

- (a) *Suspension due to illicit discharges in emergency situations.* The City of Sheffield may, without prior notice, suspend MS4 discharge access to a person when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the MS4 or

waters of the United States. If the violator fails to comply with a suspension order issued in an emergency, the authorized enforcement agency may take such steps as deemed necessary to prevent or minimize damage to the MS4 or waters of the United States, or to minimize danger to persons.

- (b) *Suspension due to the detection of illicit discharge.* Any person discharging to the MS4 in violation of this division may have their MS4 access terminated if such termination would abate or reduce an illicit discharge. The authorized enforcement agency will notify a violator of the proposed termination of its MS4 access. The violator may petition the authorized enforcement agency for a reconsideration and hearing.

A person commits an offense if the person reinstates MS4 access to premises terminated pursuant to this section, without the prior approval of the authorized enforcement agency.

(Ord. No. 2009-0817C, § VIII, 8-17-2009)

Sec. 26-79. Industrial or construction activity discharges.

Any person subject to an industrial or construction activity NPDES stormwater discharge permit shall comply with all provisions of such permit. Proof of compliance with said permit may be required in a form acceptable to the City of Sheffield prior to the allowing of discharges to the MS4.

(Ord. No. 2009-0817C, § IX 8-17-2009)

Sec. 26-80. Monitoring of discharges.

- (a) *Applicability.* This section applies to all facilities that have stormwater discharges associated with industrial activity, including construction activity.
- (b) *Access to facilities.*
 - (1) The City of Sheffield shall be permitted to enter and inspect facilities subject to regulation under this division as often as may be necessary to determine compliance with this division. If a discharger has security measures in force which require proper identification and clearance before entry into its premises, the discharger shall make the necessary arrangements to allow access to representatives of the authorized enforcement agency.
 - (2) Facility operators shall allow the City of Sheffield ready access to all parts of the premises for the purposes of inspection, sampling, examination, and copying of records that must be kept under the conditions of an NPDES permit to discharge stormwater, and the performance of any additional duties as defined by state and federal law.
 - (3) The City of Sheffield shall have the right to set up on any permitted facility such devices as are necessary in the opinion of the authorized enforcement agency to conduct monitoring and/or sampling of the facility's stormwater discharge.
 - (4) The City of Sheffield has the right to require the discharger to install monitoring equipment as necessary. The facility's sampling and monitoring equipment shall be maintained at all times in a safe and proper operating condition by the discharger at its own expense. All devices used to measure stormwater flow and quality shall be calibrated to ensure their accuracy.
 - (5) Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or sampled shall be promptly removed by the operator at the written or oral request of the City of Sheffield and shall not be replaced. The costs of clearing such access shall be borne by the operator.
 - (6) Unreasonable delays in allowing the City of Sheffield access to a permitted facility is a

violation of a stormwater discharge permit and of this division. A person who is the operator of a facility with a NPDES permit to discharge stormwater associated with industrial activity commits an offense if the person denies the authorized enforcement agency reasonable access to the permitted facility for the purpose of conducting any activity authorized or required by this division.

- (7) If the City of Sheffield has been refused access to any part of the premises from which stormwater is discharged, and he/she is able to demonstrate probable cause to believe that there may be a violation of this division, or that there is a need to inspect and/or sample as part of a routine inspection and sampling program designed to verify compliance with this division or any order issued hereunder, or to protect the overall public health, safety, and welfare of the community, then the authorized enforcement agency may seek issuance of a search warrant from any court of competent jurisdiction.

(Ord. No. 2009-0817C, § X, 8-17-2009)

Sec. 26-81. Requirement to prevent, control, and reduce stormwater pollutants by the use of best management practices.

The City of Sheffield will adopt requirements identifying best management practices for any activity, operation, or facility which may cause or contribute to pollution or contamination of storm water, the storm drain system, or waters of the United States. The owner or operator of a commercial or industrial establishment shall provide, at their own expense, reasonable protection from accidental discharge of prohibited materials or other wastes into the municipal storm drain system or watercourses through the use of these structural and nonstructural BMPs. Further, any person responsible for a property or premises, which is, or may be, the source of an illicit discharge, may be required to implement, at said person's expense, additional structural and nonstructural BMPs to prevent the further discharge of pollutants to the municipal separate storm sewer system. Compliance with all terms and conditions of a valid NPDES permit authorizing the discharge of stormwater associated with industrial activity, to the extent practicable, shall be deemed compliance with the provisions of this section. These BMPs shall be a part of a stormwater pollution prevention plan (SWPP) as necessary for compliance with requirements of the NPDES permit.

(Ord. No. 2009-0817C, § XI, 8-17-2009)

Sec. 26-82. Notification of spills.

Notwithstanding other requirements of law, as soon as any person responsible for a facility or operation, or responsible for emergency response for a facility or operation has information of any known or suspected release of materials which are resulting or may result in illegal discharges or pollutants discharging into stormwater, the storm drain system, or water of the United States, said person shall take all necessary steps to ensure the discovery, containment, and cleanup of such release. In the event of such a release of hazardous materials, said person shall immediately notify emergency response agencies of the occurrence via emergency dispatch services. In the event of a release of nonhazardous materials, said person shall notify the authorized enforcement agency in person or by phone or facsimile no later than the next business day. Notifications in person or by phone shall be confirmed by written notice addressed and mailed to the City of Sheffield within three business days of the phone notice. If the discharge of prohibited materials emanates from a commercial or industrial establishment, the owner or operator of such establishment shall also retain an on-site written record of the discharge and the actions taken to prevent its recurrence. Such records shall be retained for at least three years.

(Ord. No. 2009-0817C, § XII, 8-17-2009)

Sec. 26-83. Enforcement.

(a) *Notice of violation.* Whenever the City of Sheffield finds that a person has violated a prohibition or failed to meet a requirement of this division, the authorized enforcement agency may order compliance by written notice of violation to the responsible person. Such notice may require without limitation:

- (1) The performance of monitoring, analyses, and reporting;
- (2) The elimination of illicit connections or discharges;
- (3) That violating discharges, practices, or operations shall cease and desist;
- (4) The abatement or remediation of stormwater pollution or contamination hazards and the restoration of any property;
- (5) Payment of a fine to cover administrative and remediation costs; and
- (6) The implementation of source control or treatment BMPs.

If abatement of a violation and/or restoration of affected property is required, the notice shall set forth a deadline within which such remediation or restoration must be completed. Said notice shall further advise that, should the violator fail to remediate or restore within the established deadline, the work will be done by a designated governmental agency or a contractor and the expense thereof shall be charged to the violator.

(Ord. No. 2009-0817C, § XIII 8-17-2009)

Sec. 26-84. Appeal of notice of violation.

Any person receiving a notice of violation may appeal the determination of the authorized enforcement agency. The notice of appeal must be received within ten days from the date of the notice of violation. Hearing on the appeal before the appropriate authority of his/her designee shall take place within 15 days from the date of receipt of the notice of appeal. The decision of the municipal authority or their designee shall be final.

(Ord. No. 2009-0817C, § XV, 8-17-2009)

Sec. 26-85. Enforcement measures after appeal.

If the violation has not been corrected pursuant to the requirements set forth in the notice of violation, or, in the event of an appeal, within 30 days of the decision of the municipal authority upholding the decision of the authorized enforcement agency, then representatives of the authorized enforcement agency shall enter upon the subject private property and are authorized to take and all measures necessary to abate the violation and/or restore the property. It shall be unlawful for any person, owner, agent, or person in possession of any premises to refuse to allow the government agency or designated contractor to enter upon the premises for the purposes set forth above.

(Ord. No. 2009-0817C, § XVI 8-17-2009)

Sec. 26-86. Cost of abatement of the violation.

Within 15 days after abatement of the violation, the owner of the property will be notified of the cost of abatement, including administrative costs. The property owner may file a written protest objecting to the amount of the assessment within 15 days. If the amount due is not paid within a timely manner as determined by the decision of the municipal authority or by the expiration of the time in which to file an appeal, the charges shall become a special assessment against the property and shall constitute a lien on the property for the amount of the assessment.

Any person violating any of the provisions of this division shall become liable to the city by reason of such violation. The liability shall be paid in not more than 12 equal payments. Interest at the rate of five percent per annum shall be assessed on the balance beginning on the 30th day following discovery of the violation.

(Ord. No. 2009-0817C, § XVII, 8-17-2009)

Sec. 26-87. Injunctive relief.

It shall be unlawful for any person to violate any provision or fail to comply with any of the requirements of this division. If a person has violated or continues to violate the provisions of this division, the authorized enforcement agency may petition for a preliminary or permanent injunction restraining the person from activities which would create further violations or compelling the person to perform abatement or remediation of the violation.

(Ord. No. 2009-0817C, § XVIII, 8-17-2009)

Sec. 26-88. Compensatory action.

In lieu of enforcement proceedings, penalties, and remedies authorized by this division, the authorized enforcement agency may impose upon a violator, alternative compensatory actions, such as storm drain stenciling, attendance at compliance workshops, creek cleanup, etc.

(Ord. No. 2009-0817C, § XIX, 8-17-2009)

Sec. 26-89. Violations deemed a public nuisance.

In addition to the enforcement processes and penalties provided, any condition caused or permitted to exist in violation of any of the provisions of this division is a threat to public health, safety, and welfare, and is declared and deemed a nuisance, and may be summarily abated or restored at the violator's expenses, and/or a civil action to abate, enjoin, or otherwise compel the cessation of such nuisance may be taken.

(Ord. No. 2009-0817C, § XX, 8-17-2009)

Sec. 26-90. Criminal prosecution.

Any person that has violated or continues to violate this division shall be liable to criminal prosecution to the fullest extent of the law, and shall be subject to a criminal penalty of \$500.00 per violation per day and/or imprisonment for a period of time not to exceed 30 days.

The authorized enforcement agency may recover all attorneys' fees, court costs, and other expenses associated with enforcement of this division, including sampling and monitoring expenses.

(Ord. No. 2009-0817C, § XXI, 8-17-2009)

Sec. 26-91. Remedies not exclusive.

The remedies listed in this division are not exclusive of any other remedies available under any applicable federal, state, or local law, and it is within the discretion of the authorized enforcement agency to seek cumulative remedies.

(Ord. No. 2009-0817C, § XXII, 8-17-2009)

FOOTNOTE(S):

--- (6) ---

Editor's note— Ord. No. 2009-0817C, §§ 1—XXII adopted Aug. 17, 2009 did not specify manner of inclusion; hence, codification as a new Div. 2, §§ 26-71—26-91 was at the editor's discretion. [\(Back\)](#)

Appendix E: Construction Site Storm Water Runoff Sediment and Erosion Control Ordinance



Sheffield, Alabama, Code of Ordinances >> PART I - CODE OF ORDINANCES >> **Chapter 26 - ENVIRONMENT >> ARTICLE II. EROSION AND SEDIMENT CONTROL >>**

ARTICLE II. EROSION AND SEDIMENT CONTROL ^[3]

[Sec. 26-21. Introduction/purpose.](#)

[Sec. 26-22. Definitions.](#)

[Sec. 26-23. Permits.](#)

[Sec. 26-24. Review and approval.](#)

[Sec. 26-25. Erosion and sediment control plan.](#)

[Sec. 26-26. Design requirements.](#)

[Sec. 26-27. Inspection.](#)

[Sec. 26-28. Enforcement.](#)

[Secs. 26-29—26-50. Reserved.](#)

❖ **Sec. 26-21. Introduction/purpose.**

During the construction process, soil is highly vulnerable to erosion by wind and water. Eroded soil endangers water resources by reducing water quality and causing the siltation of aquatic habitat for fish and other desirable species. Eroded soil also necessitates repair of sewers and ditches and the dredging of lakes. In addition, clearing and grading during construction causes the loss of native vegetation necessary for terrestrial and aquatic habitat.

As a result, the purpose of this local regulation is to safeguard persons, protect property, and prevent damage to the environment in the City of Sheffield. This article will also promote the public welfare by guiding, regulating, and controlling the design, construction, use, and maintenance of any development or other activity that disturbs or breaks the topsoil or results in the movement of earth on land in the City of Sheffield.

(Ord. No. 2009-0817A, § 1, 8-17-2009)

Sec. 26-22. Definitions.

[The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:]

Certified contractor means a person who has received training and is licensed by ADEM to inspect and maintain erosion and sediment control practices.

Clearing means any activity that removes the vegetative surface cover.

Drainage way means any channel that conveys surface runoff throughout the site.

Erosion and sediment control plan means a set of plans prepared by or under the direction of a licensed professional engineer indicating the specific measures and sequencing to be used to control sediment and erosion on a development site during and after construction.

Erosion control means a measure that prevents erosion.

Grading means excavation or fill of material, including the resulting conditions thereof.

Perimeter control means a barrier that prevents sediment from leaving a site by filtering sediment-laden runoff or diverting it to a sediment trap or basin.

Permit means improvements and structures for the control of erosion, runoff, and grading.

Phasing means clearing a parcel of land in distinct phases, with the stabilization of each phase completed before the clearing of the next.

Sediment control means measures that prevent eroded sediment from leaving the site.

Site means a parcel of land or a contiguous combination thereof, where grading work is performed as a single unified operation.

Site development means a permit issued by the municipality for the construction or alteration of ground.

Stabilization means the use of practices that prevent exposed soil from eroding.

Start of construction means the first land disturbing activity associated with a development, including land preparation such as clearing, grading, and filling; installation of streets and walkways; excavation for basements, footings, piers, or foundations; erection of temporary forms; and installation of accessory buildings such as garages.

Watercourse means any body of water including, but not limited to, lakes, ponds, rivers, streams, and bodies of water delineated by the City of Sheffield.

Waterway means a channel that directs surface runoff to a watercourse or to the public storm drain.

(Ord. No. 2009-0817A, § II, 8-17-2009)

Sec. 26-23. Permits.

- (a) No person shall be granted a site development permit for land disturbing activity that would require the uncovering of one acre or more without the approval of an erosion and sediment control plan by ADEM.
- (b) No site development permit is required for the following activities:
 - (1) Any emergency activity that is immediately necessary for the protection of life, property, or natural resources.
 - (2) Existing nursery and agricultural operations conducted as a permitted main or accessory use.
- (c) Each application shall bear the name(s) and address(es) of the owner or developer of the site, and of any consulting firm retained by the applicant together with the name of the applicant's principal contact at such firm.
- (d) Each application shall include a statement that any land clearing, construction, or development involving the movement of earth shall be in accordance with the erosion and sediment control plan and that a certified contractor shall provide inspection when construction or grading activity takes place.
- (e) The applicant will be required to file with the City of Sheffield a faithful performance bond, letter of credit, or other improvement security in an amount deemed sufficient by the City of Sheffield

to cover all costs of improvements, landscaping, maintenance of improvements for such period as specified by the City of Sheffield, and engineering and inspection costs to cover the cost of failure or repair of improvements installed on the site.

(Ord. No. 2009-0817A, § III, 8-17-2009)

Sec. 26-24. Review and approval.

- (a) ADEM will review each application for a site development permit to determine its conformance with the provisions of this regulation. Within 30 days after receiving an application, ADEM shall, in writing:
 - (1) Approve the permit application;
 - (2) Approve the permit application subject to such reasonable conditions as may be necessary to secure substantially the objectives of this regulation, and issue the permit subject to these conditions; or
 - (3) Disapprove the permit application, indicating the reason(s) and procedure for submitting a revised application and/or submission.
- (b) Failure of ADEM to act on an original or revised application within 30 days of receipt shall authorize the applicant to proceed in accordance with the plans as filed unless such time is extended by agreement between the applicant and ADEM. Pending preparation and approval of a revised plan, development activities shall be allowed to proceed in accordance with conditions established by ADEM.

(Ord. No. 2009-0817A, § IV, 8-17-2009)

Sec. 26-25. Erosion and sediment control plan.

- (a) The erosion and sediment control plan shall include the following:
 - (1) A sequence of construction of the development site, including stripping and clearing; rough grading; construction of utilities, infrastructure, and buildings; and final grading and landscaping. Sequencing shall identify the expected date on which clearing will begin, the estimated duration of exposure of cleared areas, areas of clearing, installation of temporary erosion and sediment control measures, and establishment of permanent vegetation.
 - (2) All erosion and sediment control measures necessary to meet the objectives of this local regulation throughout all phases of construction and after completion of development of the site. Depending upon the complexity of the project, the drafting of intermediate plans may be required at the close of each season.
 - (3) Seeding mixtures and rates, types of sod, method of seedbed preparation, expected seeding dates, type and rate of lime and fertilizer application, and kind and quantity of mulching for both temporary and permanent vegetative control measures.
 - (4) Provisions for maintenance of control facilities, including easements and estimates of the cost of maintenance.
- (b) Modifications to the plan shall be processed and approved or disapproved in the same manner as section 26-24 of this regulation, may be authorized by ADEM by written authorization to the permittee, and shall include (1) major amendments of the erosion and sediment control plan submitted to ADEM and (2) field modifications of a minor nature.

(Ord. No. 2009-0817A, § V, 8-17-2009)

Sec. 26-26. Design requirements.

- (a) Grading, erosion control practices, sediment control practices, and waterway crossings shall meet the design criteria set forth in the most recent version of ADEM's Construction Best Management Practices Plan (CBMPP), and shall be adequate to prevent transportation of sediment from the site to the satisfaction of ADEM and fill slopes shall be no greater than 2:1, except as approved by ADEM to meet other community or environmental objectives.
- (b) Clearing and grading of natural resources, such as forests and wetlands, shall not be permitted, except when in compliance with all other chapters of this Code. Clearing techniques that retain natural vegetation and drainage patterns, as described in ADEM's CBMPP, shall be used to the satisfaction of ADEM.
- (c) Clearing, except that necessary to establish sediment control devices, shall not begin until all sediment control devices have been installed and have been stabilized.
- (d) Phasing shall be required on all sites disturbing greater than 30 acres, with the size of each phase to be established at plan review and as approved by ADEM.
- (e) Erosion control requirements shall include the following:
 - (1) Soil stabilization shall be completed within five days of clearing or inactivity in construction.
 - (2) If seeding or another vegetative erosion control method is used, it shall become established within two weeks of ADEM may require the site to be reseeded or a nonvegetative option e.
 - (3) Special techniques that meet the design criteria outlined in the CBMPP on steep slopes or in drainage ways shall be used to ensure stabilization.
 - (4) Soil stockpiles must be stabilized or covered at the end of each workday. Silt fence may be used. Silt basins may also be used.
 - (5) The entire site must be stabilized, using a heavy mulch layer or another method that does not require germination to control erosion, at the close of the construction season.
 - (6) Techniques shall be employed to prevent the blowing of dust or sediment from the site.
 - (7) Techniques that divert upland runoff past disturbed slopes shall be employed.
- (f) Sediment controls requirements shall include:
 - (1) Settling basins, sediment traps, or tanks and perimeter controls.
 - (2) Settling basins that are designed in a manner that allows adaptation to provide longterm stormwater management, if required by ADEM.
 - (3) Protection for adjacent properties by the use of a vegetated buffer strip in combination with perimeter controls.
- (g) Waterway and watercourse protection requirements shall include:
 - (1) A temporary stream crossing installed and approved by the Army Corps of Engineers if a set watercourse will be crossed regularly during construction.
 - (2) Stabilization of the watercourse channel before, during, and after any in-channel work.
 - (3) All onsite stormwater conveyance channels designed according to the criteria outlined in the CBMPP.
 - (4) Stabilization adequate to prevent erosion located at the outlets of all pipes and paved channels.
- (h) Construction site access requirements shall include:
 - (1) A temporary access road provided at all sites.
 - (2) Other measures required by ADEM in order to ensure that sediment is not tracked onto public streets by construction vehicles or washed into storm drains.

(Ord. No. 2009-0817A, § VI, 8-17-2009)

Sec. 26-27. Inspection.

- (a) ADEM or designated agent shall make inspections as hereinafter required and either shall approve that portion of the work completed or shall notify the permittee wherein the work fails to comply with the erosion and sediment control plan as approved. Plans for grading, stripping, excavating, and filling work bearing the stamp of approval of ADEM shall be maintained at the site during the progress of the work. To obtain inspections, the permittee shall notify ADEM at least two working days before the following:
 - (1) Start of construction;
 - (2) Installation of sediment and erosion measures;
 - (3) Completion of site clearing;
 - (4) Completion of rough grading;
 - (5) Completion of final grading;
 - (6) Close of the construction season; and
 - (7) Completion of final landscaping.
- (b) The permittee or his/her agent shall make regular inspections of all control measures in accordance with the inspection schedule outlined on the approved erosion and sediment control plan(s). The purpose of such inspections will be to determine the overall effectiveness of the control plan and the need for additional control measures. All inspections shall be documented in written form and submitted to ADEM at the time interval specified in the approved permit.
- (c) ADEM or its designated agent shall enter the property of the applicant as deemed necessary to make regular inspections to ensure the validity of the reports.

(Ord. No. 2009-0817A, § VII, 8-17-2009)

Sec. 26-28. Enforcement.

- (a) *Stop work order, revocation of permit.* In the event that any person holding a site development permit pursuant to this article violates the terms of the permit or implements site development in such a manner as to materially adversely affect the health, welfare, or safety of persons residing or working in the neighborhood or development site so as to be materially detrimental to the public welfare or injurious to property or improvements in the neighborhood, ADEM may suspend or revoke the site development permit.
- (b) *Violation and penalties.* No person shall construct, enlarge, alter, repair, or maintain any grading, excavation, or fill, or cause the same to be done, contrary to or in violation of any terms of this article. Any person violating any of the provisions of this article shall be deemed guilty of a misdemeanor and each day during which any violation of any of the provisions of this article is committed, continued, or permitted, shall constitute a separate offense. Upon conviction of any such violation, such person, partnership, or corporation shall be punished by a fine of not more than \$500.00 for each offense. In addition to any other penalty authorized by this section, any person, partnership, or corporation convicted of violating any of the provisions of this article shall be required to bear the expense of such restoration.

(Ord. No. 2009-0817A, § VIII, 8-17-2009)

Secs. 26-29—26-50. Reserved.

FOOTNOTE(S):

--- (3) ---

Editor's note— Ord. No. 2009-0817A, §§ I—VIII, adopted Aug. 17, 2009, did not specify manner of inclusion, hence, inclusion as a new Art. II, §§ 26-21—26-28 was at the discretion of the editor. (Back)

Appendix F: Post-Construction Storm Water Management in New Development and Redevelopment

Operations and Maintenance Ordinance



Sheffield, Alabama, Code of Ordinances >> PART I - CODE OF ORDINANCES >> Chapter 26 - ENVIRONMENT >> ARTICLE III. - STORMWATER >> DIVISION 1. OPERATION AND MAINTENANCE >>

DIVISION 1. OPERATION AND MAINTENANCE ^[5]

Sec. 26-51. Definitions.

Sec. 26-52. Design.

Sec. 26-53. Routine maintenance.

Sec. 26-54. Nonroutine maintenance.

Sec. 26-55. Inspections.

Secs. 26-56—26-70. Reserved.

Sec. 26-51. Definitions.

Best management practice (BMP) means a structural device, measure, facility, or activity that helps to achieve stormwater management control objectives at a designated site.

Plan means a document approved at the site design phase that outlines the measures and practices used to control stormwater runoff at a site. The plan shall be prepared by a professional engineer.

(Ord. No. 2009-0817B, § I, 8-17-2009)

Sec. 26-52. Design.

- (a) All stormwater BMPs shall be designed in a manner to minimize the need for maintenance and reduce the chances of failure. Design guidelines are outlined in the most recent version of ADEM's Construction Best Management Practices Plan (CBMPP).
- (b) Stormwater easements and covenants shall be provided by the property owner for access for facility inspections and maintenance. Easements and covenants shall be recorded with the City of Sheffield prior to the issuance of a permit.
- (c) Final design shall be approved by the City of Sheffield.
- (d) The property owner/developer will acquire an NPDES Permit from ADEM and present a copy to the City of Sheffield Building Department.
- (e) A permit will be issued by the City of Sheffield Building Department prior to construction start-up. This permit acknowledges receipt of proper BMP and ADEM permits.

(Ord. No. 2009-0817B, § II, 8-17-2009)

Sec. 26-53. Routine maintenance.

- (a) All stormwater BMPs shall be maintained according to the measures outlined in the most recent version of ADEM's CBMPP, and as approved in the permit.
- (b) The person(s) or organization(s) responsible for maintenance shall be designated in the plan. Options include:
 - (1) Property owner.
 - (2) Homeowner's association, provided that provisions for financing necessary maintenance

are included in deed restrictions or other contractual agreements.

- (3) Private contractor under contract with the owner.
- (c) Maintenance agreements shall specify responsibilities for financing maintenance.

(Ord. No. 2009-0817B, § III, 8-17-2009)

Sec. 26-54. Nonroutine maintenance.

Nonroutine maintenance includes maintenance activities that are expensive but infrequent, such as pond dredging or major repairs to stormwater structures.

- (1) Nonroutine maintenance shall be performed on an as-needed basis based on information gathered during regular inspections.
- (2) If nonroutine maintenance activities are not completed in a timely manner or as specified in the approved plan, the City of Sheffield may complete the necessary maintenance at the owner's/operator's expense.

(Ord. No. 2009-0817B, § IV, 8-17-2009)

Sec. 26-55. Inspections.

- (a) The person(s) or organization(s) responsible for maintenance shall inspect stormwater BMPs on a regular basis as outlined in the plan.
- (b) Authorized representatives of the City of Sheffield may enter at reasonable times to conduct on-site inspections or routine maintenance.
- (c) For BMPs maintained by the property owner or homeowner's association, inspection and maintenance reports shall be filed with the City of Sheffield as provided for in the plan.
- (d) Authorized representatives of the City of Sheffield may conduct inspections to confirm the information in the reports filed under subsection (c) above.

(Ord. No. 2009-0817B, § V, 8-17-2009)

Secs. 26-56—26-70. Reserved.

FOOTNOTE(S):

--- (5) ---

Editor's note-- At the editor's discretion, a new Div. 1 has been included. [\(Back\)](#)

Appendix G: Pollution Prevention/Good Housekeeping for Municipal Operations

Employee Survey



Municipal Separate Storm Sewer System (MS4) Training Assessment Survey

City Department: _____

Date: _____

As part of the City's requirement with ADEM with regards to the Storm water management with the City, many relevant departments should be trained to be on the lookout for various issues. This training will include brief instruction that can be conducted during safety or department meeting. This survey will be used to determine what areas of training should be addressed within the City Departments for the calendar year. Please be honest about your knowledge of City programs and policies. This is an anonymous survey and will in no way reflect on your performance review as it is strictly for City training usage. Thank you for your time in this matter.

Sincerely,

Building Department

MS4 Permit Requirements

The City is required by their Phase II municipal separate storm sewer system (MS4) permit to train City employees on the requirements of the permit and also the City's storm water policies. Please answer the following questions honestly:

Did you know that the City has a permit to regulate storm water?

Yes

Somewhat

No

If yes or somewhat, are you aware of all the areas that are covered by this permit?

Yes

Somewhat

No

What City Department is in charge of regulating the City's storm water?

- _____

Public Education and Outreach/Public Involvement

The City has many educational events pertaining to storm water issues and environmental effects that are offered throughout the year. Which statement below best describes your knowledge of these events?

I am very involved in these events and know why the City must have them.

I am aware that the events are happening and have sometimes participated.

I had no idea that the City had events or why we must have them.

Illicit Discharge Detection and Elimination

The City is required by their Phase II MS4 permit to actively check for illicit discharges in the City limits. This requires City employees to know the policies and procedures of identifying and addressing or reporting an illicit discharge. Please answer the following questions honestly:

Do you know what the City considers an illicit discharge?

Yes

Somewhat

No

Do you know the procedures for identifying an illicit discharge?

Yes

Somewhat

No

If yes, do you know the procedures for reporting and/or cleaning up a sighted illicit discharge?

Yes

Somewhat

No

If there is an illicit discharge sighted, who would you contact?

- _____

Construction Site Storm Water Runoff Control

The City is required by their Phase II MS4 permit to actively check for construction site storm water violations the City limits. This requires City employees to know the policies and procedures of identifying and reporting a construction site. Please answer the following questions honestly:

Do you know that the City is responsible for monitoring the storm water and erosion control measures for all types (public and private developments) and house construction within the City limits?

Yes

No

Do you know how to determine if a construction site isn't using proper storm water measures?

Yes

Somewhat

No

Do you know who to contact within the City if silt/dirt/construction debris is leaving a construction site?

Yes

No